



Third Quarter 2025 Community Air Monitoring Report, Chiquita Canyon Landfill

Chiquita Canyon Landfill
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Castaic, California 91384

SCS ENGINEERS

01204123.19 Task 7 | November 14, 2025

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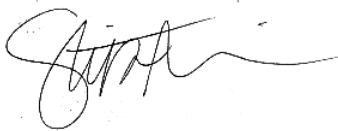
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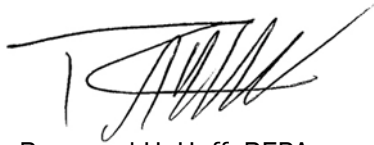
This Third Quarter 2025 Community Air Monitoring Report for the Chiquita Canyon Landfill, located at 29201 Henry Mayo Drive, Castaic, California, was prepared and reviewed by the following:



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1.0 CHIQUITA CANYON AIR MONITORING SUMMARY

This Third Quarter 2025 Community Air Monitoring Report (Report) has been prepared by SCS Engineers (SCS) in collaboration with Chiquita Canyon Landfill (CCL or Site), the Los Angeles County Department of Public Health (DPH), and the Los Angeles County Department of Public Works (PW), regarding implementation of the Community Air Monitoring Program (CAMP or Program), dated 2019. The CAMP presents an overview of quarterly air monitoring reporting compiled from continuous air monitoring stations in the community surrounding the Site, and monthly discrete sampling at community air monitoring station locations during the reporting period.

The CAMP was prepared by SCS, in consultation with CCL, DPH and PW, in accordance with the 2019 Community Air Monitoring Plan (CAM Plan), which was prepared to identify locations, parameters, and procedures for implementation of continuous air monitoring in the community surrounding the Site. The CAMP was designed to incorporate the requirements of Condition 68 of CCL's Conditional Use Permit (CUP) issued by the County of Los Angeles (County).

As of October 2022, the CAMP is comprised of a network of twelve air monitoring stations (MS or Stations) with seven stations located throughout the community surrounding the Site (MS-06 through MS-12) and five stations located on-site (MS-01 through MS-05), around the Site perimeter (the Site perimeter air monitoring stations serve as a reference for any off-site exceedances that may be detected). The air monitoring stations continuously monitor particulate matter with an aerodynamic diameter of ten (10) micrometers or less (PM_{10}), particulate matter with an aerodynamic diameter of 2.5 micrometers or less ($PM_{2.5}$), and hydrogen sulfide (H_2S); as well as wind direction and wind speed.

The purpose of this report is to comply with the quarterly reporting requirements outlined in the CAMP and Condition 68 of the CUP. This report includes the following components:

- DPH data evaluation of monthly reports and/or quarterly analysis and evaluation of potential health and safety impacts on nearby residents, schools, and centers of employment;
- SCS determination of any exceedances of the applicable reporting thresholds; and
- SCS evaluation and recommendations for Program implementation

This section outlines the monitoring thresholds and provides additional detail for the analyses conducted during the reporting period.

1.1 MONITORING LOCATIONS

A map showing the location of the monitoring stations is included as **Figure 1**. As shown on **Figure 1**, MS-01 through MS-05 are located around the perimeter of the Site. MS-06 through MS-12 are located in the community surrounding the Site, and are the subject of this report.

1.2 CONTINUOUS MONITORING

Table 1 summarizes the air quality exposure levels or standards that are used as a basis for analyzing the continuous air monitoring data at the community stations, MS-06 through MS-12.

The recommended *reporting analysis thresholds* for each of the continuously monitored air pollutants are highlighted in **bold text** in **Table 1**. The air monitoring stations that are deployed around the Site and in the community have detection limits that are well below the recommended

notification levels (i.e., they can detect ambient concentration levels that are much lower than the threshold levels recommended below). Short-term fluctuations in the ambient concentration of the monitored air pollutants around the Site and in the community are expected and will be reflected in the data.

Table 1. Summary of Air Quality Standards for Selected Air Pollutants

Air Quality Standard		PM _{2.5}	PM ₁₀	H ₂ S
CAAQS	1-Hour Average	--	--	0.03 ppm
	24-Hour Average	--	50 µg/m ³	--
FEIR	24-Hour Average	2.5 µg/m ³	2.5 µg/m ³	--
SCAQMD	2-Hour Average	25 µg/m ³		--

Bold Text – Reporting Threshold

It should be noted that the reporting analysis thresholds are limited to the off-site monitoring stations. This means that if the thresholds are triggered on any off-site monitoring station (MS-06 through MS-12), additional analysis will be required, including review of data collected at the on-site monitoring stations (MS-01 through MS-05) during the exceedance event.

The continuous monitoring data for the entire quarter is formatted into the time increments that match the reporting analysis thresholds listed in the table above, as is presented in Appendix A. Within Appendix A, please refer to **Appendix A, Table A-1** for the H₂S 1-hour exceedances, **Table A-2** for 24-hour PM_{2.5} and PM₁₀ exceedances, and **Table A-3** for 2-hour PM_{2.5} and PM₁₀ exceedances.

1.3 DISCRETE SAMPLING

On a monthly basis, a total of five air samples are collected at community monitoring stations. Three samples are collected in the community surrounding the Site, with two samples collected from either side of the CCL generally in line with the community monitor sampling locations for each month. The overall intent is to cover all monitoring stations within the surrounding community every quarter for the duration of the CAMP.

To achieve this goal, SCS has implemented the following monthly sampling rotation with three community monitoring locations grouped together with two CCL monitoring locations in line from either side of the landfill:

- Rotation 1:** Samples collected from northwest of CCL (MS-07, MS-08, and MS-12) with in line CCL samples located at MS-04 and MS-03.
- Rotation 2:** Samples collected from northeast of CCL (MS-06, MS-09, and MS-10) with in line CCL samples located at MS-01 and MS-02.
- Rotation 3:** Samples collected from northwest and southeast of CCL (MS-08, MS-11, and MS-12) with in line CCL samples located at MS-04 and MS-05.

Samples are collected and analyzed for landfill gas (LFG) components listed in Table 1 of South Coast Air Quality Management District (SCAQMD) Rule 1150.1, the SCAQMD rule for monitoring emissions from landfills. Those chemicals are found in **Table 2** below.

Table 2. SCAQMD Rule 1150.1 Toxic Air Contaminant List

SCAQMD Rule 1150.1 Table 1 Constituents			
Benzene	1,1-Dichloroethane	Tetrachloroethylene	Trichloromethane
Benzyl chloride	1,2-Dichloroethane	Tetrachloromethane	Vinyl Chloride
Chlorobenzene	1,1-Dichloroethene	Toluene	Xylene
1,2-Dibromoethane	Dichloromethane	1,1,1-Trichloroethane	
Dichlorobenzene	Hydrogen Sulfide	Trichloroethylene	

For discrete sampling, reporting analysis thresholds chosen by DPH are the California Office of Health Hazard Assessment (OEHHA) Reference Exposure Levels (RELs) for Acute Hazard Index Target Organ Systems (Table 6.1 from the February 2015 Air Toxics Hot Spots Program Guidance Manual). By definition, an acute REL is an exposure that is not likely to cause adverse health effects in a human population, including sensitive subgroups, exposed to that concentration (in units of micrograms per cubic meter or $\mu\text{g}/\text{m}^3$) for the specified exposure duration on an intermittent basis.

2.0 QUARTERLY AIR MONITORING RESULTS

This section discusses the continuous monitoring and discrete sampling results for the reporting period.

2.1 CONTINUOUS MONITORING RESULTS

DPH has access to all continuous monitoring data recorded from the off-site monitors, which is reviewed routinely and on an as-needed basis if recorded values exceed the reporting thresholds in **Table 1**. If DPH observes reportable exceedances, DPH may request the on-site monitoring data (including wind direction and wind speed data), for the purposes of DPH's evaluations of reported exceedances. Upon request, SCS will provide DPH with the continuous monitoring data for all on-site monitors, for the time period of the exceedance plus one time increment prior to, and after, the exceedance start time. Any recommendations regarding the health and safety impact on nearby residents, schools and centers of employment or evaluation(s) of potential sources of air pollutants impacting ambient air quality made by DPH are included in this report.

During the reporting period, there were 2 exceedance events for H_2S over a 1-hour averaging period. A report was submitted to the AQMD on August 1, 2025, regarding the exceedances and included SCS's evaluation that the data is erroneous. These elevated readings were attributable to an error during maintenance that produced these erroneous values following the completion of the maintenance. There were 15 exceedance events for $\text{PM}_{2.5}$ and 11 for PM_{10} over a 2-hour averaging period. There were 2 exceedance events for $\text{PM}_{2.5}$ and 12 PM_{10} for over a 24-hour averaging period. Please note that the 24-hour PM exceedance events lasted multiple days and resulted in a 24-hour PM exceedance event occurring for a large portion of the quarter. These exceedances occurred at off-site stations where station(s) exceeded one or more reporting thresholds. Considering many PM exceedances at off-site stations occurred in the opposite direction of prevailing winds, it's possible that a local source other than the landfill contributed to these exceedances.

Please note that one or more monitors can have an exceedance detection during a single exceedance event, based on the stations' proximity to other stations, wind direction, and wind speed. A summary of each exceedance that occurred at the off-site monitoring stations during the reporting period can be found in **Appendix A**.

SCS has provided DPH with corresponding on-site data for periods where the off-site monitoring stations recorded an exceedance of the thresholds listed in **Table 1** above. The data was shared in emails sent on July 14, August 14, and September 15, 2025. As of the date of this report, SCS have not received any comments from DPH regarding the on-site continuous monitoring data.

Please note, due to the size of the full dataset and in order to reduce the amount of physical pages of this quarterly report, a link to the 1-hour data for the continuous monitoring at the off-site locations can be found in **Appendix B**. Since the continuous monitoring data presented in this report includes only a summary of exceedance events, the complete 1-hour data set is included as a separate, linked attachment.

2.2 DISCRETE SAMPLING RESULTS

During the Third Quarter 2025, monthly samples were taken in July, August, and September 2025. A full description of the detected constituents along with their concentrations was included in the monthly reports which were submitted to DPH, PW, and the Site on July 14, August 14, and September 15, 2025 respectively. During the reporting period, there were zero (0) community monitoring stations that had exceedances of discrete sampling reporting thresholds, per **Appendix C, Table C-1**.

As of the date of this report, SCS have not received any comments from DPH regarding the off-site discrete sampling data.

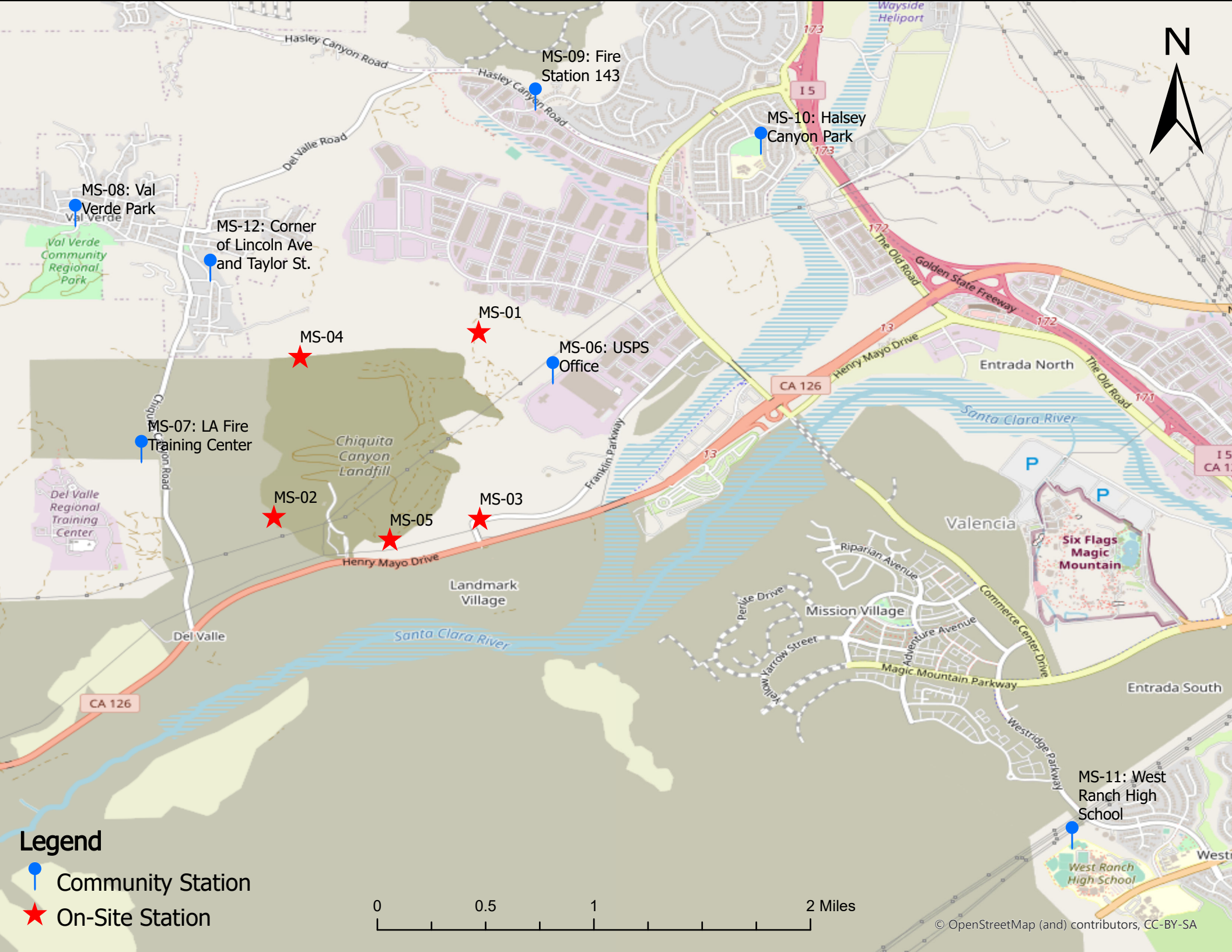
The results of the monthly discrete sampling events conducted in July, August, and September are found in **Appendix C. Appendix C, Table C-1** includes the discrete sampling reporting thresholds. Based on the reporting thresholds outlined in Table C-1, there were no exceedances recorded in the first quarter sampling events. The complete laboratory analytical reports are also included within **Appendix D**.

The laboratory results were analyzed in conjunction with the continuous air monitoring data collected during the sampling event. The 1-hour continuous monitoring data collected at each monitoring station that was used as part of the discrete sampling analysis is located in **Appendix B**. Please note that only the off-site discrete sampling events and the associated 1-hour monitoring data are included in this quarterly report.

3.0 SCS CAMP RECOMMENDATIONS

This section describes any recommendations by SCS to the CAMP to improve the overall efficiency of the air monitoring program. There were no changes for the program this quarter. All quarterly recommendations/observations will be compiled and addressed in the Annual Community Air Monitoring Report.

Figure 1
Chiquita Canyon CAMP Map of Monitoring Stations



Appendix A

Third Quarter 2025 Community Air Monitoring Station

Continuous Monitoring Data Exceedances

Table A-1
1-Hour Average H₂S Community Monitoring Station Data

Table A-1
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-12	1	2025-07-15 17:00:00	0.136	3.23	218.2	28.64	86.6	39.6
MS-07	2	2025-07-16 00:00:00	0.195	0.79	154.7	28.63	57.4	92.1

*Both exceedance events were caused by an error during maintenance;
SCS has submitted a report establishing the readings as erroneous.

Table A-2
24-Hour Average PM_{2.5} and PM₁₀ Community Monitoring Station Data

Table A-2
24-Hour Average PM2.5 Community Monitoring Station Data

Monitoring Station	Event #	Time	PM2.5	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			µg/m ³	mph	°	in Hg	°F	%
MS-06	1	2025-07-01	3.49	4.46	257.1	28.65	72.4	48.2
MS-08	1	2025-07-01	2.98	2.61	241.1	28.52	71.8	44.2
MS-11	1	2025-07-01	3.48	2.38	218.8	28.3	75.4	43.3
MS-12	1	2025-07-01	2.89	3.11	205.4	28.62	72.6	44.8
MS-10	1	2025-07-01	3.17	3.21	263	28.71	72.3	50
MS-07	1	2025-07-01	3.59	5.64	291.9	28.54	72	46
MS-12	1	2025-07-02	5.22	2.76	187.4	28.61	69.2	63.8
MS-10	1	2025-07-02	5.66	3.25	223.4	28.7	69.5	65.8
MS-07	1	2025-07-02	5.92	5.24	251.7	28.54	67.6	67.5
MS-08	1	2025-07-02	5.08	2.51	237.6	28.51	68.9	61.5
MS-06	1	2025-07-02	6.35	4.32	252.4	28.65	68.9	66.1
MS-11	1	2025-07-02	5.32	2.06	264.7	28.29	71.8	60.3
MS-10	1	2025-07-03	6.92	3.35	216.8	28.75	70.4	67
MS-11	1	2025-07-03	7.05	2.31	266	28.34	71.9	64
MS-08	1	2025-07-03	6.55	2.54	243.1	28.56	69.9	64.4
MS-07	1	2025-07-03	7.74	5.84	269.9	28.59	68.5	68.6
MS-06	1	2025-07-03	7.87	4.31	251.6	28.7	69.8	67.2
MS-12	1	2025-07-03	6.73	2.59	213.6	28.66	70.2	65.4
MS-11	1	2025-07-04	9.13	2.33	236.5	28.44	72.8	62.7
MS-10	1	2025-07-04	9.64	3.23	239.9	28.85	71.9	65.8
MS-06	1	2025-07-04	10.08	3.71	251.8	28.8	71.6	65.2
MS-08	1	2025-07-04	8.19	2.42	251.8	28.66	70.8	63.1
MS-07	1	2025-07-04	9.39	5.37	250.4	28.69	70.3	66.7
MS-12	1	2025-07-04	8.95	2.72	176.9	28.77	71.7	63.9
MS-12	1	2025-07-05	8.62	2.61	327.9	28.8	74	50.7
MS-10	1	2025-07-05	8.1	2.5	305.4	28.88	74	54
MS-06	1	2025-07-05	8.69	3.23	246.4	28.83	74.3	51.1
MS-11	1	2025-07-05	10.52	2.59	160.2	28.47	76	47.5
MS-07	1	2025-07-05	9.29	5.55	313.3	28.71	73.8	51.4
MS-08	1	2025-07-05	9.09	2.5	255.6	28.69	72.8	51.4
MS-12	1	2025-07-06	5.75	2.77	296.1	28.71	73.1	48
MS-11	1	2025-07-06	5.5	2.51	171	28.38	75.5	41.3
MS-10	1	2025-07-06	5.86	2.48	216.2	28.8	73.1	51.8
MS-07	1	2025-07-06	6.28	5.57	308.4	28.63	72.6	48.3
MS-06	1	2025-07-06	6.05	3.09	247.1	28.75	72.9	49.1
MS-08	1	2025-07-06	5.93	2.54	255.6	28.61	71.9	47.8
MS-08	1	2025-07-07	5.54	2.54	245.2	28.62	70.3	52.8
MS-11	1	2025-07-07	5.73	2.42	243.4	28.4	72.8	50.6
MS-12	1	2025-07-07	4.9	2.56	220.7	28.73	71.1	52.2
MS-07	1	2025-07-07	5.79	5.08	299.1	28.65	70.5	53.3
MS-06	1	2025-07-07	5.53	3.54	244.7	28.76	70.9	54.4
MS-10	1	2025-07-07	5.34	2.68	227	28.81	71.4	55.5

Table A-2
24-Hour Average PM2.5 Community Monitoring Station Data

Monitoring Station	Event #	Time	PM2.5	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			µg/m ³	mph	°	in Hg	°F	%
MS-12	1	2025-07-08	4.18	2.76	281.1	28.81	74.4	48.5
MS-07	1	2025-07-08	4.92	5.57	300.7	28.73	73.6	50
MS-11	1	2025-07-08	5.05	2.15	197.8	28.48	76.6	45.2
MS-06	1	2025-07-08	4.86	3.6	249.7	28.85	74.3	50.2
MS-10	1	2025-07-08	4.51	2.85	264.7	28.89	74	52.3
MS-08	1	2025-07-08	4.51	2.59	245	28.71	73.4	48.7
MS-12	1	2025-07-09	3.24	3.04	290.6	28.77	78.6	40.4
MS-06	1	2025-07-09	3.99	3.35	246.2	28.8	78.6	42.5
MS-07	1	2025-07-09	3.95	5.68	301.7	28.68	78.3	41.1
MS-11	1	2025-07-09	3.9	2.16	188	28.44	81.7	38.2
MS-10	1	2025-07-09	3.83	2.9	275.2	28.84	78.2	45.9
MS-08	1	2025-07-09	3.67	2.39	250.1	28.66	77.4	41.2
MS-11	1	2025-07-10	3.92	2.45	181	28.35	84.3	33.2
MS-10	1	2025-07-10	3.92	3.54	252.7	28.76	79.9	41
MS-12	1	2025-07-10	3.36	3.01	305.8	28.68	79.3	39.7
MS-06	1	2025-07-10	4.1	4.1	251.4	28.71	80.2	38
MS-07	1	2025-07-10	4.16	6.13	303.7	28.6	79.9	37.9
MS-08	1	2025-07-10	4.39	2.71	249	28.57	78	39.3
MS-12	1	2025-07-11	6.66	2.74	252.9	28.68	74.2	54.2
MS-06	1	2025-07-11	7.34	3.83	248.7	28.72	74.1	55.5
MS-10	1	2025-07-11	6.89	2.97	248.2	28.76	74.2	57.5
MS-08	1	2025-07-11	7.98	2.49	249.9	28.58	73.5	55.4
MS-07	1	2025-07-11	7.86	5.82	281.7	28.6	73.2	55.6
MS-11	1	2025-07-11	7.53	2.12	276.5	28.36	76.4	53.3
MS-08	1	2025-07-12	10.62	2.37	233.9	28.62	71.5	65.9
MS-10	1	2025-07-12	11.21	3.17	227.6	28.81	72.4	68
MS-11	1	2025-07-12	10.08	2.21	258.4	28.4	73.8	64.3
MS-07	1	2025-07-12	10.79	5.5	221.2	28.65	70.2	70.6
MS-12	1	2025-07-12	10.97	2.67	192.8	28.73	72.2	67.7
MS-06	1	2025-07-12	11.49	4.16	252.3	28.77	71.4	69.3
MS-07	1	2025-07-13	6.45	5.04	201.3	28.65	69.9	70.2
MS-11	1	2025-07-13	6.66	2.13	270.4	28.4	74	63.9
MS-12	1	2025-07-13	6.19	2.6	177.5	28.73	71.9	66.5
MS-08	1	2025-07-13	6.26	2.35	248.7	28.63	71.9	64.5
MS-06	1	2025-07-13	6.87	4.17	260.7	28.77	71.6	67.6
MS-10	1	2025-07-13	6.61	3.27	218.5	28.81	72.5	66.9
MS-07	1	2025-07-14	4.42	4.96	206.6	28.62	70.4	69
MS-06	1	2025-07-14	4.81	4.12	252.4	28.73	71.7	67.5
MS-10	1	2025-07-14	4.56	3.09	232.8	28.78	72.5	66.8
MS-08	1	2025-07-14	4.13	2.29	228.5	28.59	72.2	64.4
MS-11	1	2025-07-14	4.05	2.11	264.9	28.37	74	63.1
MS-12	1	2025-07-14	4.18	2.58	189.3	28.7	72.3	66.2

Table A-2
24-Hour Average PM2.5 Community Monitoring Station Data

Monitoring Station	Event #	Time	PM2.5	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			µg/m ³	mph	°	in Hg	°F	%
MS-12	1	2025-07-15	7.1	2.44	190	28.69	71.7	66.1
MS-07	1	2025-07-15	7.89	4.82	220.9	28.61	69.8	69.1
MS-10	1	2025-07-15	7.85	2.82	225.5	28.77	71.5	67.2
MS-11	1	2025-07-15	5.63	2.75	190.6	28.37	72.2	63.6
MS-06	1	2025-07-15	8.52	3.52	245.9	28.73	70.8	68
MS-08	1	2025-07-15	6.23	2.25	236	28.59	70.8	65.1
MS-11	1	2025-07-16	6.8	2.74	173.1	28.37	71.3	61.8
MS-12	1	2025-07-16	8.31	2.64	208.7	28.7	71	63.7
MS-07	1	2025-07-16	9.06	5	263	28.62	69.5	66.4
MS-08	1	2025-07-16	7.48	2.34	258	28.59	69.8	63.7
MS-06	1	2025-07-16	9.61	3.39	248.5	28.73	71.2	64.2
MS-10	1	2025-07-16	8.76	2.83	234.1	28.78	71.3	64.7
MS-10	1	2025-07-17	2.8	2.83	213.3	28.77	73.2	59.6
MS-11	1	2025-07-17	3.09	2.19	175.3	28.36	74.6	56.4
MS-07	1	2025-07-17	3.03	5.1	290.1	28.61	71.8	60.2
MS-08	1	2025-07-17	2.86	2.36	253.3	28.58	72.2	57.9
MS-06	1	2025-07-17	3.18	3.53	249.9	28.73	72.8	59.3
MS-10	1	2025-07-18	3.5	3.49	243.5	28.8	73.8	60.4
MS-11	1	2025-07-18	3.4	2.15	237.4	28.39	75.8	55.9
MS-08	1	2025-07-18	3.36	2.43	225.4	28.61	73.4	57.5
MS-07	1	2025-07-18	4.01	5.14	233.5	28.65	71.9	62.1
MS-06	1	2025-07-18	4.12	3.82	254.9	28.76	73.6	59.9
MS-12	1	2025-07-18	3.34	2.52	176.8	28.72	73.9	59
MS-07	1	2025-07-19	4.75	5.73	250.4	28.67	70.8	65.7
MS-08	1	2025-07-19	4.55	2.71	241.1	28.63	72	60.3
MS-06	1	2025-07-19	4.77	4.53	249	28.78	72.1	64.7
MS-10	1	2025-07-19	4.55	3.59	229.2	28.82	72.5	65.2
MS-12	1	2025-07-19	4.26	2.52	180.2	28.74	72.6	62.1
MS-11	1	2025-07-19	4.66	2.3	275.2	28.41	74	59.8
MS-12	1	2025-07-20	6.55	2.56	180.7	28.73	69.8	70.7
MS-07	1	2025-07-20	6.71	5.63	239.7	28.65	67.9	73.5
MS-08	1	2025-07-20	6.56	2.54	241.1	28.62	69.2	69.5
MS-06	1	2025-07-20	6.83	4.02	259.7	28.76	69.4	71.5
MS-10	1	2025-07-20	6.52	3.37	223.9	28.81	70.1	71
MS-11	1	2025-07-20	6.77	2.34	274.1	28.39	71.2	68.7
MS-08	1	2025-07-21	7.01	2.28	247.4	28.62	65.9	76
MS-11	1	2025-07-21	7.37	2.27	272.7	28.4	66.8	76.3
MS-12	1	2025-07-21	7.18	2.35	214.9	28.73	66.8	76.1
MS-10	1	2025-07-21	7.67	3.16	230.2	28.81	67.1	76.4
MS-06	1	2025-07-21	7.83	3.74	243.3	28.76	66.5	76.7
MS-07	1	2025-07-21	7.57	5.22	254.2	28.65	65	79.3
MS-12	1	2025-07-22	4.08	2.17	192.6	28.74	66.7	71.9

Table A-2
24-Hour Average PM2.5 Community Monitoring Station Data

Monitoring Station	Event #	Time	PM2.5	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			µg/m ³	mph	°	in Hg	°F	%
MS-10	1	2025-07-22	4.07	3.05	234.2	28.82	67	73.7
MS-08	1	2025-07-22	4.47	2.2	246.9	28.63	65.9	72.9
MS-07	1	2025-07-22	4.44	4.63	231.2	28.66	65.4	75
MS-06	1	2025-07-22	4.43	3.41	258.7	28.77	66.8	72.6
MS-11	1	2025-07-22	4.68	2.09	228.1	28.4	67.6	72.2
MS-12	1	2025-07-23	4.9	2.58	283.9	28.79	67.4	66.3
MS-10	1	2025-07-23	4.42	3.38	229.5	28.88	68	68.1
MS-11	1	2025-07-23	5.6	2.32	187.2	28.46	69.1	66.2
MS-06	1	2025-07-23	4.88	3.66	259.2	28.83	67.6	67.5
MS-07	1	2025-07-23	3.63	5.59	288	28.72	66.4	69.7
MS-08	1	2025-07-23	4.98	2.55	252.4	28.68	66.5	67.9
MS-06	1	2025-07-24	2.56	3.8	243.9	28.85	69.4	58.7
MS-11	1	2025-07-25	2.51	2.47	186.7	28.42	68.8	60.9
MS-06	1	2025-07-25	2.51	3.81	243.8	28.79	67.2	62.7
MS-06	1	2025-07-26	2.87	3.74	258	28.77	65.3	68.9
MS-11	1	2025-07-26	2.84	2.43	201.2	28.41	66.9	65.7
MS-10	1	2025-07-26	2.88	3.32	237.6	28.82	65.5	69.4
MS-08	1	2025-07-26	2.91	2.66	245.4	28.63	64.4	66.8
MS-06	1	2025-07-27	2.55	3.48	247.8	28.77	69.2	61.3
MS-11	1	2025-07-27	2.81	2.16	245.3	28.41	71	59.2
MS-08	1	2025-07-27	2.73	2.75	247.3	28.63	68.2	61.2
MS-11	1	2025-07-28	3.49	2.33	215.8	28.45	71.4	61.3
MS-12	1	2025-07-28	2.79	2.72	267.8	28.78	69.5	61.2
MS-08	1	2025-07-28	3.03	2.82	250.3	28.67	68.6	62.5
MS-06	1	2025-07-28	3.25	3.54	252.4	28.81	69.6	63
MS-10	1	2025-07-28	3.04	3.27	255.8	28.86	69.9	63.6
MS-12	1	2025-07-29	3.82	2.8	257.9	28.79	71.9	58.3
MS-06	1	2025-07-29	4.42	3.65	245.4	28.82	71.9	59.2
MS-07	1	2025-07-29	2.99	5.6	306	28.71	70.6	61.3
MS-10	1	2025-07-29	3.91	3.2	252.2	28.87	72	60.1
MS-11	1	2025-07-29	4.18	2.13	219.2	28.46	74	55.6
MS-08	1	2025-07-29	4.23	2.59	250	28.68	71.1	59.3
MS-06	1	2025-07-30	5.07	3.65	246.2	28.77	73.7	56.7
MS-10	1	2025-07-30	4.76	3.33	258.9	28.82	73.6	58.9
MS-12	1	2025-07-30	4.5	2.85	242.8	28.74	73.6	56
MS-11	1	2025-07-30	5.12	2.2	225.1	28.42	75.8	54.2
MS-08	1	2025-07-30	5.21	2.74	246.4	28.63	72.6	57.5
MS-07	1	2025-07-30	3.15	6.07	299.9	28.67	73.1	57
MS-08	1	2025-07-31	5.18	2.58	253.4	28.64	74.4	51
MS-12	1	2025-07-31	4.18	2.72	304.4	28.75	75.3	50.8
MS-10	1	2025-07-31	4.33	3.34	277.4	28.82	75.2	53.8
MS-11	1	2025-07-31	4.9	2.09	199.3	28.42	77.9	48.6

Table A-2
24-Hour Average PM2.5 Community Monitoring Station Data

Monitoring Station	Event #	Time	PM2.5	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			µg/m ³	mph	°	in Hg	°F	%
MS-06	1	2025-07-31	4.61	3.28	249	28.78	75.4	51.7
MS-07	1	2025-07-31	3.01	5.83	302.2	28.67	75	51.7
MS-10	1	2025-08-01	4.65	3.09	257.6	28.89	73.3	56.9
MS-12	1	2025-08-01	5.26	2.69	255	28.82	73.5	52.8
MS-08	1	2025-08-01	4.99	2.64	249.4	28.71	72.7	53.3
MS-11	1	2025-08-01	5.39	2.13	241.3	28.49	76	51.1
MS-06	1	2025-08-01	4.91	3.18	248.2	28.85	73.5	54.9
MS-07	1	2025-08-01	3.03	5.6	305.9	28.74	72.9	53.8
MS-06	1	2025-08-02	5.41	3.79	246.8	28.86	73.3	56.5
MS-08	1	2025-08-02	5.48	2.62	244.6	28.72	72.8	54.3
MS-10	1	2025-08-02	5.46	3.26	253.1	28.9	73.4	58.9
MS-07	1	2025-08-02	3.28	5.57	297.1	28.75	72.9	55.4
MS-11	1	2025-08-02	5.76	1.98	220.3	28.5	76.2	51.2
MS-12	1	2025-08-02	5.35	2.67	227.9	28.83	73.7	54.2
MS-12	1	2025-08-03	6.09	2.66	279.3	28.75	74.3	50.7
MS-10	1	2025-08-03	6.19	3.28	277.8	28.82	73.9	55.6
MS-07	1	2025-08-03	3.67	5.85	292.8	28.67	73.6	51.6
MS-08	1	2025-08-03	8.85	2.52	247.1	28.64	73.3	51.2
MS-11	1	2025-08-03	7.1	2.17	228	28.42	76.7	51.2
MS-06	1	2025-08-03	6.29	3.79	248.7	28.78	74.2	52.7
MS-07	1	2025-08-04	5.32	5.79	298	28.61	73	52.2
MS-11	1	2025-08-04	9.68	2.2	215.9	28.36	76.3	49.3
MS-06	1	2025-08-04	9.33	3.68	253.1	28.72	73.5	53.8
MS-08	1	2025-08-04	9.06	2.3	250.4	28.58	72.7	52.4
MS-10	1	2025-08-04	9.49	3.22	272.1	28.77	73.1	57.4
MS-12	1	2025-08-04	8.83	2.69	279.8	28.69	73.6	51.5
MS-06	1	2025-08-05	9.75	3.43	249.6	28.77	75.6	49.8
MS-11	1	2025-08-05	9.99	2.2	200.7	28.41	78	47.2
MS-08	1	2025-08-05	10.02	2.36	254.2	28.63	74.4	50.8
MS-07	1	2025-08-05	5.46	5.86	305.1	28.66	75.4	49
MS-10	1	2025-08-05	9.42	3.17	279.9	28.81	74.9	54
MS-12	1	2025-08-05	9.24	2.72	319.3	28.74	75.5	49
MS-12	1	2025-08-06	8.25	2.69	323.8	28.78	77.7	43.7
MS-11	1	2025-08-06	9.25	2.36	174.6	28.45	80.2	42.4
MS-06	1	2025-08-06	8.25	2.88	243.1	28.8	77.8	45
MS-08	1	2025-08-06	8.63	2.35	257.3	28.66	76.5	45.8
MS-07	1	2025-08-06	4.85	5.69	324	28.69	77.8	43.3
MS-10	1	2025-08-06	8.19	2.65	288.2	28.85	77.1	49.4
MS-08	1	2025-08-07	7.87	2.41	263.6	28.62	79.5	36.8
MS-12	1	2025-08-07	7.66	2.9	325.5	28.73	80.8	35.4
MS-11	1	2025-08-07	6.06	2.42	170.8	28.4	83.8	32.9
MS-07	1	2025-08-07	4.41	5.95	318.4	28.65	81.1	34.6

Table A-2
24-Hour Average PM2.5 Community Monitoring Station Data

Monitoring Station	Event #	Time	PM2.5	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			µg/m ³	mph	°	in Hg	°F	%
MS-10	1	2025-08-07	5.95	2.86	297.6	28.8	80	40.9
MS-06	1	2025-08-07	6.35	3.12	248.5	28.76	80.6	36.9
MS-07	1	2025-08-08	13.88	5.54	319.8	28.59	79.5	36.8
MS-06	1	2025-08-08	16.92	3.13	246.7	28.7	79.4	37.7
MS-08	1	2025-08-08	21.16	2.25	251.3	28.56	78.4	37.4
MS-10	1	2025-08-08	17.12	2.69	294.1	28.75	77.7	43.7
MS-12	1	2025-08-08	25.34	2.86	320.7	28.67	79.3	37.5
MS-11	1	2025-08-08	6.53	2.55	176	28.35	82.1	33.3
MS-11	1	2025-08-09	5.31	2.16	201.1	28.35	80.1	43.1
MS-06	1	2025-08-09	5.33	3.35	241.1	28.7	77.3	45.8
MS-10	1	2025-08-09	4.93	2.95	242.4	28.76	76.8	49.5
MS-12	1	2025-08-09	6.08	2.68	284.3	28.67	77.7	43.1
MS-08	1	2025-08-09	6.23	2.27	252.1	28.56	76.9	42.7
MS-07	1	2025-08-09	3.28	5.19	312.1	28.6	77.1	44.1
MS-06	1	2025-08-10	4.44	3.63	248.5	28.74	77	49.5
MS-12	1	2025-08-10	4.65	2.72	278.8	28.71	77.5	47.5
MS-11	1	2025-08-10	4.89	2.12	203.4	28.38	80.4	44.1
MS-08	1	2025-08-10	4.89	2.47	239.4	28.59	76.9	47.4
MS-10	1	2025-08-10	4.2	2.89	251.3	28.79	76.9	50.9
MS-07	1	2025-08-10	2.63	5.1	305.2	28.63	76.8	48.4
MS-07	1	2025-08-11	3.5	5.74	312	28.62	77.2	50.9
MS-11	1	2025-08-11	6.66	2.17	204.1	28.37	80.2	48.8
MS-10	1	2025-08-11	6.36	3.12	274.9	28.78	77.7	54.2
MS-12	1	2025-08-11	5.94	2.64	257	28.69	78.2	49.8
MS-06	1	2025-08-11	5.92	3.81	246.3	28.72	77.8	51.3
MS-08	1	2025-08-11	6.59	2.54	243.8	28.58	77.2	50.6
MS-07	1	2025-08-12	4.22	5.58	288.2	28.59	74.4	57.4
MS-11	1	2025-08-12	7.84	2.19	250.4	28.35	77.2	55.5
MS-10	1	2025-08-12	7.04	2.91	233.8	28.76	75.4	59.7
MS-06	1	2025-08-12	7.07	3.6	248.7	28.7	75.2	57.3
MS-08	1	2025-08-12	8.03	2.48	246.1	28.56	74.7	57.2
MS-12	1	2025-08-12	7.21	2.54	236.8	28.67	75.3	56.3
MS-11	1	2025-08-13	9.53	2.03	228.3	28.35	75.1	62.3
MS-10	1	2025-08-13	9.33	2.89	214.7	28.77	73.3	65.7
MS-09	1	2025-08-13	9.2	2.91	274.3	28.55	74.1	61.3
MS-12	1	2025-08-13	5.44	2.42	203.5	28.68	73	63.4
MS-06	1	2025-08-13	8.42	3.51	256.1	28.71	72.9	64.8
MS-07	1	2025-08-13	8.17	5.23	236.2	28.6	71.3	66.7
MS-08	1	2025-08-13	9.81	2.25	239.4	28.57	72.8	63.9
MS-09	1	2025-08-14	10.01	2.98	263.8	28.53	71.3	64
MS-10	1	2025-08-14	8.61	3.1	213.4	28.75	70.7	68.3
MS-11	1	2025-08-14	9.52	2.13	249.5	28.33	72.7	64.3

Table A-2
24-Hour Average PM2.5 Community Monitoring Station Data

Monitoring Station	Event #	Time	PM2.5	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			µg/m ³	mph	°	in Hg	°F	%
MS-07	1	2025-08-14	10.97	5.22	230	28.59	68.7	69.3
MS-06	1	2025-08-14	8.37	3.66	256.4	28.69	70.1	68
MS-08	1	2025-08-14	10.04	2.19	229	28.55	70.2	65.8
MS-07	1	2025-08-15	10.15	4.89	251.3	28.62	67.1	74.7
MS-09	1	2025-08-15	9.62	2.79	256.4	28.57	69.1	69.5
MS-08	1	2025-08-15	9.53	2.24	239.9	28.59	68.1	70.7
MS-11	1	2025-08-15	8.95	2.34	256.9	28.37	69.8	70.2
MS-06	1	2025-08-15	8.27	3.47	259.7	28.73	68.4	73.4
MS-10	1	2025-08-15	8.6	2.83	219	28.79	68.9	73.2
MS-07	1	2025-08-16	10.09	4.46	268.7	28.69	66.7	76.9
MS-06	1	2025-08-16	8.21	3.54	265.2	28.8	68.1	75
MS-11	1	2025-08-16	9.32	2.19	265.9	28.43	69.5	72.8
MS-08	1	2025-08-16	8.68	2.3	246.8	28.65	67.4	72.8
MS-10	1	2025-08-16	8.2	2.84	220.6	28.86	68.4	75.5
MS-09	1	2025-08-16	8.82	2.77	283.3	28.64	68.7	71.2
MS-11	1	2025-08-17	5.75	2.16	220.2	28.4	73.4	64.1
MS-10	1	2025-08-17	4.82	3.4	235.5	28.82	71.6	67.7
MS-07	1	2025-08-17	6.64	5.6	289.3	28.65	70.7	67.1
MS-06	1	2025-08-17	4.92	3.66	249.7	28.76	71.7	65.7
MS-09	1	2025-08-17	5.33	3.18	294.6	28.6	72.1	63
MS-08	1	2025-08-17	5.11	2.48	248.1	28.62	70.6	65.8
MS-10	1	2025-08-18	4.53	3.09	298.1	28.8	75.2	61.6
MS-11	1	2025-08-18	4.67	2.19	200.4	28.39	77.2	56.5
MS-07	1	2025-08-18	5.67	5.81	308.1	28.64	74.9	59.5
MS-08	1	2025-08-18	5.44	2.58	253.9	28.6	74	59.4
MS-09	1	2025-08-18	4.66	3.23	308.8	28.58	75.7	56.5
MS-06	1	2025-08-18	4.24	3.38	249.7	28.74	75.3	59.4
MS-10	1	2025-08-19	4.17	2.76	280.6	28.85	75	57.4
MS-08	1	2025-08-19	4.34	2.55	255.3	28.65	73.7	56.1
MS-11	1	2025-08-19	4.18	2.2	178.2	28.44	77.4	51.4
MS-07	1	2025-08-19	5.17	5.7	318.8	28.69	75	54.3
MS-06	1	2025-08-19	4.13	3.11	249.2	28.79	75.1	55.8
MS-09	1	2025-08-19	4.13	3.19	323.8	28.63	75.2	52.6
MS-09	1	2025-08-20	4.11	3.02	300.3	28.57	79.7	44
MS-08	1	2025-08-20	3.86	2.41	255.4	28.59	77.8	46.2
MS-11	1	2025-08-20	3.92	2.38	176	28.38	82.5	40.6
MS-10	1	2025-08-20	4.18	2.66	283.7	28.79	78.8	50
MS-06	1	2025-08-20	4.02	2.92	248.7	28.73	79.5	45.9
MS-07	1	2025-08-20	4.72	5.82	317.1	28.63	79.6	44.1
MS-10	1	2025-08-21	4.37	2.4	310.7	28.72	83.2	42.5
MS-08	1	2025-08-21	3.81	2.37	249.2	28.52	82.7	35.7
MS-07	1	2025-08-21	4.87	5.27	317.9	28.56	84.5	34.3

Table A-2
24-Hour Average PM2.5 Community Monitoring Station Data

Monitoring Station	Event #	Time	PM2.5	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			µg/m ³	mph	°	in Hg	°F	%
MS-09	1	2025-08-21	3.94	2.92	329.7	28.5	84.4	33.6
MS-06	1	2025-08-21	4.04	2.77	249.3	28.66	84.2	36.4
MS-11	1	2025-08-21	4.4	2.25	181.6	28.31	86.4	34
MS-06	1	2025-08-22	4.71	3.25	247.9	28.65	84.6	37.7
MS-08	1	2025-08-22	5	2.41	249.7	28.51	83.4	37.3
MS-09	1	2025-08-22	4.56	3.06	311.6	28.49	85.4	34.8
MS-07	1	2025-08-22	5.8	5.57	312.7	28.55	84.6	35.4
MS-11	1	2025-08-22	5.05	2.33	200	28.3	86.7	35.5
MS-10	1	2025-08-22	4.81	2.75	299.8	28.71	83.7	41.8
MS-11	1	2025-08-23	6.17	2.18	190.5	28.34	83.8	42.1
MS-10	1	2025-08-23	5.13	1.96	221.8	28.75	82.1	46.6
MS-06	1	2025-08-23	5.35	2.45	254.8	28.69	82.6	44.1
MS-07	1	2025-08-23	6.64	4.23	339.9	28.59	82	43.4
MS-08	1	2025-08-23	5.84	2.1	242.1	28.55	81.8	42.7
MS-09	1	2025-08-23	5.03	2.56	6.9	28.53	83.3	39.9
MS-10	1	2025-08-24	4.67	2.79	277.3	28.74	82.1	50.7
MS-06	1	2025-08-24	4.62	3.01	246.1	28.68	82.6	46.8
MS-07	1	2025-08-24	6.08	5.32	297.9	28.58	82.1	46.4
MS-11	1	2025-08-24	5.04	2.28	213.2	28.33	84.7	42.6
MS-09	1	2025-08-24	4.7	2.89	312.2	28.52	83.4	43.2
MS-08	1	2025-08-24	5.71	2.26	250.7	28.54	81.9	45.4
MS-09	1	2025-08-25	3.7	3.14	6.5	28.52	80.9	42.2
MS-11	1	2025-08-25	3.79	2.61	167.4	28.33	82.6	41.1
MS-10	1	2025-08-25	4.15	2.79	267.6	28.74	79.5	50.2
MS-06	1	2025-08-25	3.67	3.21	254.9	28.68	80.1	46.5
MS-07	1	2025-08-25	4.74	5.32	301.8	28.57	79.4	45.6
MS-08	1	2025-08-25	3.95	2.31	246	28.54	79.1	45
MS-09	1	2025-08-26	5.04	2.92	228	28.59	77.3	50.5
MS-10	1	2025-08-26	4.89	2.64	238.5	28.81	76.3	57.7
MS-06	1	2025-08-26	4.66	3.77	247	28.75	76	55.9
MS-11	1	2025-08-26	4.55	2.78	186.1	28.39	78.9	48.2
MS-07	1	2025-08-26	6.32	5.4	243.8	28.64	75.7	54.8
MS-08	1	2025-08-26	5.57	2.22	248.8	28.61	75.8	52.6
MS-08	1	2025-08-27	5.12	1.84	251	28.68	74.9	47.5
MS-06	1	2025-08-27	4.25	2.89	256.6	28.82	76.5	49.9
MS-10	1	2025-08-27	4.39	2.5	249.8	28.88	75.9	53.3
MS-11	1	2025-08-27	4.62	2.33	162.5	28.46	78.3	46.9
MS-07	1	2025-08-27	5.3	5.63	313.7	28.71	75.9	48.2
MS-09	1	2025-08-27	4.18	2.93	314.2	28.66	76.5	45.2
MS-11	1	2025-08-28	3.28	2.55	170.3	28.46	76.4	36.4
MS-07	1	2025-08-28	4.03	5.11	291.6	28.72	74.2	36.3
MS-06	1	2025-08-28	3.5	2.38	269.4	28.82	74.9	40.4

Table A-2
24-Hour Average PM2.5 Community Monitoring Station Data

Monitoring Station	Event #	Time	PM2.5	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			µg/m ³	mph	°	in Hg	°F	%
MS-09	1	2025-08-28	3.55	2.62	331.6	28.66	74.7	34
MS-10	1	2025-08-28	3.69	2.16	265.8	28.89	74	43.4
MS-08	1	2025-08-28	3.31	1.63	250.6	28.68	73.3	34.7
MS-06	1	2025-08-29	4.03	3.17	259.2	28.79	76.5	37.9
MS-07	1	2025-08-29	5.07	6.02	305.3	28.68	76.3	35.7
MS-08	1	2025-08-29	5.08	2	253.2	28.65	75.2	36.8
MS-09	1	2025-08-29	4.36	3.05	293.3	28.62	76.5	35.5
MS-11	1	2025-08-29	4.22	2.25	181.1	28.43	79.3	35.8
MS-10	1	2025-08-29	4.22	3.02	272.9	28.85	75.6	42.4
MS-09	1	2025-08-30	5.12	2.98	311.2	28.56	79.3	37.3
MS-08	1	2025-08-30	5.67	2.05	258.5	28.59	78.1	38.7
MS-06	1	2025-08-30	4.41	3.19	252.7	28.72	79.3	38.5
MS-11	1	2025-08-30	5.22	2.2	178.7	28.37	81.8	36.3
MS-07	1	2025-08-30	6.42	6.11	305	28.62	79.3	36.8
MS-10	1	2025-08-30	4.67	3.07	281.9	28.79	78.5	42.7
MS-08	1	2025-08-31	5.04	2.2	256	28.57	79.9	42.7
MS-11	1	2025-08-31	5.14	2.32	194.2	28.35	82.9	40.4
MS-10	1	2025-08-31	4.45	3.01	268.3	28.77	80.2	45.9
MS-07	1	2025-08-31	5.95	6.04	300.4	28.6	80.8	41.8
MS-06	1	2025-08-31	4.12	3.36	254.1	28.7	80.7	43
MS-09	1	2025-08-31	4.87	3	304.4	28.54	81	40.6
MS-10	1	2025-09-01	3.52	3.05	249.6	28.77	79.8	51.4
MS-06	1	2025-09-01	3.39	3.58	253.2	28.71	80.2	49.6
MS-08	1	2025-09-01	3.9	2.32	248.4	28.57	79.2	49.6
MS-07	1	2025-09-01	4.7	5.78	290.5	28.61	79.9	48.9
MS-09	1	2025-09-01	3.38	3.01	291.4	28.55	80.6	46.4
MS-11	1	2025-09-01	3.94	2.36	219.8	28.36	82.4	46.8
MS-10	1	2025-09-02	4.55	1.73	66.1	28.79	81.2	56.7
MS-11	1	2025-09-02	4.06	2.98	149	28.38	82.8	49.2
MS-07	1	2025-09-02	5.62	4.65	59.9	28.63	80.6	55
MS-08	1	2025-09-02	3.97	1.97	232	28.59	80.7	51.3
MS-06	1	2025-09-02	4.4	3.17	350.1	28.73	81.2	55
MS-09	1	2025-09-02	3.92	2.59	36.8	28.57	82.1	49.4
MS-06	1	2025-09-03	3.63	2.89	253.9	28.72	81.8	50.4
MS-10	1	2025-09-03	4.02	2.72	285.9	28.79	81.1	54.7
MS-11	1	2025-09-03	3.35	2.21	184.9	28.37	84.4	43.9
MS-08	1	2025-09-03	3.63	2.17	250.5	28.59	80.5	48.3
MS-07	1	2025-09-03	4.57	5.3	290.9	28.62	81.7	48.3
MS-09	1	2025-09-03	3.64	2.88	290.5	28.56	82.1	46.7
MS-07	1	2025-09-04	4.57	5.4	306.1	28.56	79	48.3
MS-09	1	2025-09-04	3.57	3.07	311.1	28.5	79.5	45
MS-10	1	2025-09-04	3.5	3.01	240.5	28.73	79	51.9

Table A-2
24-Hour Average PM2.5 Community Monitoring Station Data

Monitoring Station	Event #	Time	PM2.5	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			µg/m ³	mph	°	in Hg	°F	%
MS-11	1	2025-09-04	3.89	2.17	182.2	28.31	81.6	45.3
MS-08	1	2025-09-04	3.8	2.24	258.7	28.52	78	47.2
MS-06	1	2025-09-04	3.36	3.12	253.7	28.66	79.4	49.1
MS-09	1	2025-09-05	3.41	3.12	311.1	28.48	76	40.3
MS-06	1	2025-09-05	3.3	2.87	254.3	28.64	75.6	48.3
MS-11	1	2025-09-05	3.79	2.28	182.8	28.29	77.9	43.1
MS-08	1	2025-09-05	3.82	2.48	258	28.5	73.9	44.9
MS-10	1	2025-09-05	3.42	2.78	273.6	28.7	75.1	49.5
MS-07	1	2025-09-05	4.4	5.49	307.8	28.54	75.5	44.6
MS-10	1	2025-09-06	2.71	2.11	258.2	28.81	73.5	43.8
MS-08	1	2025-09-06	3.27	2.5	257.2	28.6	72.5	41
MS-06	1	2025-09-06	2.6	2.81	251.2	28.75	73.7	42
MS-11	1	2025-09-06	3.43	2.73	171.4	28.39	75.9	41.2
MS-07	1	2025-09-06	3.66	5.43	320.4	28.64	74	39.1
MS-09	1	2025-09-06	2.68	2.92	353.5	28.58	74.3	34.6
MS-07	1	2025-09-07	3	5.48	309.5	28.72	75.3	36.6
MS-11	1	2025-09-07	2.86	2.25	187	28.47	77.5	36.9
MS-09	1	2025-09-07	2.61	2.95	320.4	28.66	74.6	33.7
MS-07	1	2025-09-08	2.65	5.83	295.6	28.7	72	40.3
MS-10	1	2025-09-08	2.53	3.2	262.7	28.87	71.1	44.8
MS-10	1	2025-09-09	2.58	3.25	243.9	28.77	68.3	62.3
MS-08	1	2025-09-09	2.69	2.5	256.1	28.56	66.9	64.8
MS-07	1	2025-09-09	3.17	5.97	282.2	28.59	68.1	62.5
MS-09	1	2025-09-09	3.21	3.39	299.5	28.53	68.1	59.4
MS-08	1	2025-09-10	3.31	2.25	247	28.55	64.8	73.9
MS-07	1	2025-09-10	3.31	4.66	258.9	28.59	64.8	74.9
MS-10	1	2025-09-10	2.95	3.05	227.7	28.76	66	74.7
MS-11	1	2025-09-10	2.89	2.2	219.1	28.33	66.8	72.7
MS-09	1	2025-09-10	2.79	3.05	255.9	28.53	65.7	71.7
MS-06	1	2025-09-10	2.61	3.31	256	28.7	66.2	73.6
MS-11	1	2025-09-11	3.02	2.25	185.9	28.37	68	69.5
MS-08	1	2025-09-11	2.93	2.4	254.6	28.59	65.8	70.9
MS-09	1	2025-09-11	2.75	3	276.6	28.56	66.9	68.8
MS-10	1	2025-09-11	2.76	3.04	213.5	28.8	67.4	70.8
MS-07	1	2025-09-11	3.36	5.44	267.9	28.62	66.4	71.2
MS-07	1	2025-09-12	4.46	6.04	286.8	28.6	66.5	71
MS-06	1	2025-09-12	3.17	3.45	254.8	28.71	67.3	69.4
MS-09	1	2025-09-12	3.59	3.21	272.9	28.54	67	69.4
MS-08	1	2025-09-12	4.02	2.61	255.9	28.57	65.8	71.9
MS-10	1	2025-09-12	3.65	3.37	242.1	28.78	67.2	71.5
MS-11	1	2025-09-12	4.21	2.18	189.1	28.35	68.5	69
MS-11	1	2025-09-13	6.48	2.19	207.6	28.33	69.1	73.1

Table A-2
24-Hour Average PM2.5 Community Monitoring Station Data

Monitoring Station	Event #	Time	PM2.5	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			µg/m ³	mph	°	in Hg	°F	%
MS-06	1	2025-09-13	4.69	3.45	252.4	28.69	68.2	72.7
MS-08	1	2025-09-13	6.33	2.31	250.5	28.55	66.9	73.8
MS-10	1	2025-09-13	5.38	3.06	232.5	28.76	68.2	73.8
MS-07	1	2025-09-13	6.98	5.69	302.7	28.59	67.2	74.9
MS-09	1	2025-09-13	5.57	3.1	291	28.52	68	71.8
MS-07	1	2025-09-14	8.77	4.57	297.3	28.55	69.3	72.2
MS-10	1	2025-09-14	6.53	2.85	228	28.72	70.2	72.4
MS-11	1	2025-09-14	8.17	1.96	193.8	28.3	71.6	70.6
MS-09	1	2025-09-14	6.93	2.79	302.6	28.49	70.5	68.2
MS-06	1	2025-09-14	5.66	3.01	259	28.66	70	71.7
MS-08	1	2025-09-14	7.6	2.3	242.8	28.52	69.1	70.4
MS-08	1	2025-09-15	6.95	2.22	257.8	28.53	73.3	58.7
MS-09	1	2025-09-15	6.5	2.69	343.2	28.5	75.1	54.9
MS-07	1	2025-09-15	8.45	5.11	321.4	28.56	74.3	59.4
MS-10	1	2025-09-15	6.4	2.28	266.2	28.73	74	60.7
MS-06	1	2025-09-15	5.7	2.5	253.6	28.67	74.1	60.3
MS-11	1	2025-09-15	7.6	2.16	168.9	28.32	76.8	54.9
MS-07	1	2025-09-16	6.34	5.6	313.7	28.62	77.6	47.9
MS-11	1	2025-09-16	4.29	2.33	171.8	28.39	79.5	43.4
MS-08	1	2025-09-16	5.1	2.44	254.1	28.59	76.3	51
MS-06	1	2025-09-16	3.85	2.64	246.8	28.73	77.4	48.4
MS-09	1	2025-09-16	4.59	2.7	309.9	28.56	77.6	48.1
MS-10	1	2025-09-16	4.47	2.35	339.2	28.79	76.7	52.6
MS-06	1	2025-09-17	2.92	3.35	254.3	28.69	78.7	51.1
MS-07	1	2025-09-17	3.66	5.71	276.9	28.59	78.2	51.2
MS-09	1	2025-09-17	3.04	3.1	276.8	28.52	78.3	52.1
MS-08	1	2025-09-17	3.21	2.62	249.1	28.56	77.1	53.6
MS-11	1	2025-09-17	3.48	2.2	178.3	28.35	79.8	51.2
MS-10	1	2025-09-17	3.6	3.03	241	28.76	77.5	55.7
MS-08	1	2025-09-18	5.27	1.48	228.6	28.52	69.6	80.5
MS-07	1	2025-09-18	6.46	3.02	225.9	28.55	69	80.9
MS-09	1	2025-09-18	4.88	1.88	267.5	28.53	70.1	78.8
MS-06	1	2025-09-18	4.37	1.6	260.4	28.66	70.3	77.9
MS-10	1	2025-09-18	4.93	1.55	223.3	28.73	70.4	79.9
MS-11	1	2025-09-18	4.95	1.83	177.7	28.31	70.1	78.4
MS-08	1	2025-09-19	5.25	1.7	249.3	28.56	72.3	77.1
MS-09	1	2025-09-19	4.32	1.86	284.1	28.62	73.5	73.4
MS-06	1	2025-09-19	4.42	1.98	266.2	28.7	73.3	75
MS-11	1	2025-09-19	5.15	2.1	192.9	28.36	73.5	73.1
MS-10	1	2025-09-19	4.97	2.05	211.4	28.77	73.3	76.6
MS-07	1	2025-09-19	6.93	3.68	214.4	28.6	71.6	79.3
MS-10	1	2025-09-20	3.12	2.47	109.6	28.82	72.7	72.6

Table A-2
24-Hour Average PM2.5 Community Monitoring Station Data

Monitoring Station	Event #	Time	PM2.5	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			µg/m ³	mph	°	in Hg	°F	%
MS-08	1	2025-09-20	3.12	2.29	253.4	28.61	71.3	72
MS-07	1	2025-09-20	4.18	4.88	310.2	28.64	71.8	73.1
MS-11	1	2025-09-20	3.34	1.97	153.2	28.4	74	69
MS-09	1	2025-09-20	2.67	2.64	296.1	28.67	72.5	70.3
MS-06	1	2025-09-20	2.71	2.54	251.9	28.75	72.7	71.3
MS-06	1	2025-09-21	2.72	2.91	256.5	28.71	71.1	68.7
MS-10	1	2025-09-21	3.07	2.72	262.3	28.77	71	70
MS-08	1	2025-09-21	3.2	2.27	254.6	28.57	70.2	68.2
MS-07	1	2025-09-21	3.95	5.3	303.1	28.6	70.6	69.4
MS-11	1	2025-09-21	3.53	2.11	161.4	28.36	72.8	64.8
MS-09	1	2025-09-21	2.72	2.74	273.4	28.63	71.2	66.6
MS-09	1	2025-09-22	2.59	2.84	296.9	28.57	73	57.2
MS-06	1	2025-09-22	2.68	2.65	260.6	28.65	73.2	59.7
MS-11	1	2025-09-22	3.69	2.02	161.6	28.3	74.6	57.6
MS-07	1	2025-09-22	3.47	5.41	311.3	28.54	72.6	59.5
MS-08	1	2025-09-22	3.07	2.3	253.7	28.51	71.6	60.5
MS-10	1	2025-09-22	3.23	2.61	284.7	28.72	72.4	62.7
MS-06	1	2025-09-23	3.01	2.8	244.6	28.65	77	54.1
MS-11	1	2025-09-23	3.96	2.37	167.8	28.31	78.7	51.1
MS-10	1	2025-09-23	3.54	2.05	300.9	28.72	76.3	57.6
MS-09	1	2025-09-23	3.36	2.56	267.1	28.58	77.3	52.8
MS-08	1	2025-09-23	3.83	2.08	243.4	28.52	76.1	54.9
MS-07	1	2025-09-23	4.44	4.96	303.8	28.55	76.6	54
MS-06	1	2025-09-24	3.63	3.33	259.3	28.74	75.2	64.9
MS-09	1	2025-09-24	3.72	2.79	279	28.66	75.5	60.8
MS-11	1	2025-09-24	4.63	2.39	218.6	28.4	76.3	60.9
MS-08	1	2025-09-24	4.44	2.39	243.2	28.6	74.5	62.7
MS-07	1	2025-09-24	5.32	5.2	267.4	28.64	74.1	65.4
MS-10	1	2025-09-24	4.13	2.94	227.7	28.81	74.9	66.9
MS-10	1	2025-09-25	3.59	3.21	208.6	28.81	69.7	72.4
MS-11	1	2025-09-25	3.87	2.06	194.4	28.4	71.1	68.5
MS-08	1	2025-09-25	4.28	2.32	254.2	28.6	69.2	70.8
MS-07	1	2025-09-25	5.27	5.41	259.9	28.64	69	73
MS-06	1	2025-09-25	3.32	3.24	254.5	28.74	69.8	71.8
MS-09	1	2025-09-25	3.42	2.83	294.7	28.67	70.1	69
MS-07	1	2025-09-26	8.07	4.81	250.7	28.56	67.4	79.6
MS-10	1	2025-09-26	6.26	2.78	225.8	28.74	69.1	77
MS-11	1	2025-09-26	7.21	1.71	299.1	28.32	68.1	78.2
MS-06	1	2025-09-26	5.27	2.61	238.8	28.67	68.9	76.2
MS-09	1	2025-09-26	5.99	2.6	233.1	28.59	68.6	75.8
MS-08	1	2025-09-26	7.2	2.06	245.6	28.53	68.1	77
MS-08	1	2025-09-27	4.98	2	229.2	28.54	67.6	77.5

Table A-2
24-Hour Average PM2.5 Community Monitoring Station Data

Monitoring Station	Event #	Time	PM2.5	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			µg/m ³	mph	°	in Hg	°F	%
MS-10	1	2025-09-27	3.94	2.67	205.1	28.75	68.7	77.4
MS-07	1	2025-09-27	5.36	4.51	212.2	28.58	66.9	80
MS-06	1	2025-09-27	3.49	2.4	241.4	28.69	68.1	77.3
MS-11	1	2025-09-27	4.86	2.35	180.4	28.34	67.8	78.5
MS-09	1	2025-09-27	3.79	2.48	222.1	28.61	68.1	76.6
MS-09	1	2025-09-28	3.72	2.03	330.1	28.7	66.8	75.8
MS-10	1	2025-09-28	4.05	1.78	182.5	28.85	67.2	77.7
MS-08	1	2025-09-28	4.62	1.85	243.8	28.64	65.7	77.6
MS-06	1	2025-09-28	3.3	2.06	266.7	28.78	67	76.3
MS-07	1	2025-09-28	5.07	4.13	281.4	28.67	65.8	78.6
MS-11	1	2025-09-28	5.06	1.66	216	28.43	66.6	78.3
MS-10	1	2025-09-29	4.1	2.88	237.1	28.83	66.7	74.3
MS-07	1	2025-09-29	4.85	5.29	284.4	28.65	65.9	74.2
MS-06	1	2025-09-29	3.23	2.72	246.1	28.76	66.7	72.6
MS-11	1	2025-09-29	4.45	2.31	185.8	28.41	67.3	72.7
MS-08	1	2025-09-29	4.44	2.37	250.9	28.62	65.3	74.6
MS-09	1	2025-09-29	3.59	2.92	277.2	28.68	66.2	73
MS-09	1	2025-09-30	4.82	2.79	279.1	28.71	66.1	67.2
MS-07	1	2025-09-30	6.33	4.64	252.1	28.68	65.5	68.7
MS-06	1	2025-09-30	4.44	2.62	262.7	28.79	66.8	66.7
MS-08	1	2025-09-30	5.61	2.19	252.4	28.65	65	69.1
MS-10	1	2025-09-30	5.23	2.89	231.6	28.86	66.6	68.6
MS-11	1	2025-09-30	5.77	2.11	206.6	28.44	67.1	66.7

Table A-2
24-Hour Average PM10 Community Monitoring Station Data

Monitoring Station	Event #	Time	PM10	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			µg/m ³	mph	°	in Hg	°F	%
MS-06	1	2025-07-01	6.48	4.46	257.1	28.65	72.4	48.2
MS-12	1	2025-07-01	5.73	3.11	205.4	28.62	72.6	44.8
MS-08	1	2025-07-01	6.63	2.61	241.1	28.52	71.8	44.2
MS-11	1	2025-07-01	6.26	2.38	218.8	28.3	75.4	43.3
MS-10	1	2025-07-01	5.7	3.21	263	28.71	72.3	50
MS-07	1	2025-07-01	5.33	5.64	291.9	28.54	72	46
MS-08	1	2025-07-02	8.31	2.51	237.6	28.51	68.9	61.5
MS-07	1	2025-07-02	7.31	5.24	251.7	28.54	67.6	67.5
MS-06	1	2025-07-02	9.57	4.32	252.4	28.65	68.9	66.1
MS-12	1	2025-07-02	7.77	2.76	187.4	28.61	69.2	63.8
MS-10	1	2025-07-02	7.76	3.25	223.4	28.7	69.5	65.8
MS-11	1	2025-07-02	7.74	2.06	264.7	28.29	71.8	60.3
MS-08	1	2025-07-03	9.71	2.54	243.1	28.56	69.9	64.4
MS-07	1	2025-07-03	9.35	5.84	269.9	28.59	68.5	68.6
MS-06	1	2025-07-03	10.56	4.31	251.6	28.7	69.8	67.2
MS-12	1	2025-07-03	9.23	2.59	213.6	28.66	70.2	65.4
MS-10	1	2025-07-03	9.26	3.35	216.8	28.75	70.4	67
MS-11	1	2025-07-03	9.33	2.31	266	28.34	71.9	64
MS-12	1	2025-07-04	10.93	2.72	176.9	28.77	71.7	63.9
MS-08	1	2025-07-04	10.76	2.42	251.8	28.66	70.8	63.1
MS-11	1	2025-07-04	10.53	2.33	236.5	28.44	72.8	62.7
MS-10	1	2025-07-04	11.25	3.23	239.9	28.85	71.9	65.8
MS-06	1	2025-07-04	11.65	3.71	251.8	28.8	71.6	65.2
MS-07	1	2025-07-04	10.42	5.37	250.4	28.69	70.3	66.7
MS-06	1	2025-07-05	10.57	3.23	246.4	28.83	74.3	51.1
MS-11	1	2025-07-05	11.98	2.59	160.2	28.47	76	47.5
MS-12	1	2025-07-05	11.1	2.61	327.9	28.8	74	50.7
MS-10	1	2025-07-05	10.03	2.5	305.4	28.88	74	54
MS-08	1	2025-07-05	11.66	2.5	255.6	28.69	72.8	51.4
MS-07	1	2025-07-05	10.57	5.55	313.3	28.71	73.8	51.4
MS-11	1	2025-07-06	6.89	2.51	171	28.38	75.5	41.3
MS-12	1	2025-07-06	7.82	2.77	296.1	28.71	73.1	48
MS-10	1	2025-07-06	7.58	2.48	216.2	28.8	73.1	51.8
MS-07	1	2025-07-06	7.33	5.57	308.4	28.63	72.6	48.3
MS-06	1	2025-07-06	7.79	3.09	247.1	28.75	72.9	49.1
MS-08	1	2025-07-06	8.35	2.54	255.6	28.61	71.9	47.8
MS-12	1	2025-07-07	7.75	2.56	220.7	28.73	71.1	52.2
MS-07	1	2025-07-07	7.97	5.08	299.1	28.65	70.5	53.3
MS-06	1	2025-07-07	8.16	3.54	244.7	28.76	70.9	54.4
MS-08	1	2025-07-07	9.04	2.54	245.2	28.62	70.3	52.8
MS-11	1	2025-07-07	8.06	2.42	243.4	28.4	72.8	50.6
MS-10	1	2025-07-07	7.91	2.68	227	28.81	71.4	55.5

Table A-2
24-Hour Average PM10 Community Monitoring Station Data

Monitoring Station	Event #	Time	PM10	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			µg/m ³	mph	°	in Hg	°F	%
MS-06	1	2025-07-08	8.62	3.6	249.7	28.85	74.3	50.2
MS-11	1	2025-07-08	7.69	2.15	197.8	28.48	76.6	45.2
MS-12	1	2025-07-08	7.31	2.76	281.1	28.81	74.4	48.5
MS-08	1	2025-07-08	8.05	2.59	245	28.71	73.4	48.7
MS-10	1	2025-07-08	7.28	2.85	264.7	28.89	74	52.3
MS-07	1	2025-07-08	6.85	5.57	300.7	28.73	73.6	50
MS-08	1	2025-07-09	8.62	2.39	250.1	28.66	77.4	41.2
MS-06	1	2025-07-09	7.73	3.35	246.2	28.8	78.6	42.5
MS-10	1	2025-07-09	7.03	2.9	275.2	28.84	78.2	45.9
MS-11	1	2025-07-09	6.73	2.16	188	28.44	81.7	38.2
MS-12	1	2025-07-09	6.65	3.04	290.6	28.77	78.6	40.4
MS-07	1	2025-07-09	6.12	5.68	301.7	28.68	78.3	41.1
MS-06	1	2025-07-10	8.19	4.1	251.4	28.71	80.2	38
MS-12	1	2025-07-10	7.56	3.01	305.8	28.68	79.3	39.7
MS-11	1	2025-07-10	7.44	2.45	181	28.35	84.3	33.2
MS-10	1	2025-07-10	7.98	3.54	252.7	28.76	79.9	41
MS-07	1	2025-07-10	6.73	6.13	303.7	28.6	79.9	37.9
MS-08	1	2025-07-10	12.31	2.71	249	28.57	78	39.3
MS-07	1	2025-07-11	12	5.82	281.7	28.6	73.2	55.6
MS-12	1	2025-07-11	10.61	2.74	252.9	28.68	74.2	54.2
MS-11	1	2025-07-11	10.47	2.12	276.5	28.36	76.4	53.3
MS-08	1	2025-07-11	12.75	2.49	249.9	28.58	73.5	55.4
MS-10	1	2025-07-11	10.31	2.97	248.2	28.76	74.2	57.5
MS-06	1	2025-07-11	11.28	3.83	248.7	28.72	74.1	55.5
MS-07	1	2025-07-12	12.01	5.5	221.2	28.65	70.2	70.6
MS-10	1	2025-07-12	13.04	3.17	227.6	28.81	72.4	68
MS-06	1	2025-07-12	13.52	4.16	252.3	28.77	71.4	69.3
MS-08	1	2025-07-12	13.31	2.37	233.9	28.62	71.5	65.9
MS-12	1	2025-07-12	12.99	2.67	192.8	28.73	72.2	67.7
MS-11	1	2025-07-12	11.71	2.21	258.4	28.4	73.8	64.3
MS-06	1	2025-07-13	8.14	4.17	260.7	28.77	71.6	67.6
MS-07	1	2025-07-13	7.25	5.04	201.3	28.65	69.9	70.2
MS-08	1	2025-07-13	9.06	2.35	248.7	28.63	71.9	64.5
MS-12	1	2025-07-13	7.62	2.6	177.5	28.73	71.9	66.5
MS-10	1	2025-07-13	8.01	3.27	218.5	28.81	72.5	66.9
MS-11	1	2025-07-13	7.92	2.13	270.4	28.4	74	63.9
MS-11	1	2025-07-14	6.35	2.11	264.9	28.37	74	63.1
MS-12	1	2025-07-14	6.6	2.58	189.3	28.7	72.3	66.2
MS-07	1	2025-07-14	6.15	4.96	206.6	28.62	70.4	69
MS-06	1	2025-07-14	7.37	4.12	252.4	28.73	71.7	67.5
MS-08	1	2025-07-14	7.1	2.29	228.5	28.59	72.2	64.4
MS-10	1	2025-07-14	7.17	3.09	232.8	28.78	72.5	66.8

Table A-2
24-Hour Average PM10 Community Monitoring Station Data

Monitoring Station	Event #	Time	PM10	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			µg/m ³	mph	°	in Hg	°F	%
MS-07	1	2025-07-15	10.3	4.82	220.9	28.61	69.8	69.1
MS-06	1	2025-07-15	10.57	3.52	245.9	28.73	70.8	68
MS-10	1	2025-07-15	9.87	2.82	225.5	28.77	71.5	67.2
MS-08	1	2025-07-15	9.09	2.25	236	28.59	70.8	65.1
MS-12	1	2025-07-15	9.16	2.44	190	28.69	71.7	66.1
MS-11	1	2025-07-15	7.27	2.75	190.6	28.37	72.2	63.6
MS-07	1	2025-07-16	10.86	5	263	28.62	69.5	66.4
MS-12	1	2025-07-16	10.53	2.64	208.7	28.7	71	63.7
MS-08	1	2025-07-16	10.36	2.34	258	28.59	69.8	63.7
MS-10	1	2025-07-16	10.7	2.83	234.1	28.78	71.3	64.7
MS-06	1	2025-07-16	11.43	3.39	248.5	28.73	71.2	64.2
MS-11	1	2025-07-16	7.81	2.74	173.1	28.37	71.3	61.8
MS-07	1	2025-07-17	4.81	5.1	290.1	28.61	71.8	60.2
MS-08	1	2025-07-17	6.43	2.36	253.3	28.58	72.2	57.9
MS-10	1	2025-07-17	5.17	2.83	213.3	28.77	73.2	59.6
MS-11	1	2025-07-17	4.93	2.19	175.3	28.36	74.6	56.4
MS-06	1	2025-07-17	5.91	3.53	249.9	28.73	72.8	59.3
MS-12	1	2025-07-17	4.98	2.48	244	28.69	73.1	57.1
MS-10	1	2025-07-18	5.93	3.49	243.5	28.8	73.8	60.4
MS-07	1	2025-07-18	5.82	5.14	233.5	28.65	71.9	62.1
MS-08	1	2025-07-18	7.22	2.43	225.4	28.61	73.4	57.5
MS-06	1	2025-07-18	7.17	3.82	254.9	28.76	73.6	59.9
MS-12	1	2025-07-18	5.94	2.52	176.8	28.72	73.9	59
MS-11	1	2025-07-18	5.35	2.15	237.4	28.39	75.8	55.9
MS-06	1	2025-07-19	7	4.53	249	28.78	72.1	64.7
MS-10	1	2025-07-19	6.62	3.59	229.2	28.82	72.5	65.2
MS-11	1	2025-07-19	6.56	2.3	275.2	28.41	74	59.8
MS-08	1	2025-07-19	8.17	2.71	241.1	28.63	72	60.3
MS-12	1	2025-07-19	6.68	2.52	180.2	28.74	72.6	62.1
MS-07	1	2025-07-19	6.1	5.73	250.4	28.67	70.8	65.7
MS-11	1	2025-07-20	8.01	2.34	274.1	28.39	71.2	68.7
MS-06	1	2025-07-20	8.49	4.02	259.7	28.76	69.4	71.5
MS-10	1	2025-07-20	7.98	3.37	223.9	28.81	70.1	71
MS-08	1	2025-07-20	8.85	2.54	241.1	28.62	69.2	69.5
MS-07	1	2025-07-20	7.51	5.63	239.7	28.65	67.9	73.5
MS-12	1	2025-07-20	8.05	2.56	180.7	28.73	69.8	70.7
MS-11	1	2025-07-21	8.41	2.27	272.7	28.4	66.8	76.3
MS-06	1	2025-07-21	9.18	3.74	243.3	28.76	66.5	76.7
MS-07	1	2025-07-21	8.13	5.22	254.2	28.65	65	79.3
MS-12	1	2025-07-21	8.41	2.35	214.9	28.73	66.8	76.1
MS-10	1	2025-07-21	9.02	3.16	230.2	28.81	67.1	76.4
MS-08	1	2025-07-21	8.91	2.28	247.4	28.62	65.9	76

Table A-2
24-Hour Average PM10 Community Monitoring Station Data

Monitoring Station	Event #	Time	PM10	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			µg/m ³	mph	°	in Hg	°F	%
MS-06	1	2025-07-22	6.41	3.41	258.7	28.77	66.8	72.6
MS-12	1	2025-07-22	5.77	2.17	192.6	28.74	66.7	71.9
MS-08	1	2025-07-22	6.44	2.2	246.9	28.63	65.9	72.9
MS-11	1	2025-07-22	5.65	2.09	228.1	28.4	67.6	72.2
MS-07	1	2025-07-22	8.64	4.63	231.2	28.66	65.4	75
MS-10	1	2025-07-22	5.37	3.05	234.2	28.82	67	73.7
MS-11	1	2025-07-23	6.86	2.32	187.2	28.46	69.1	66.2
MS-06	1	2025-07-23	7.15	3.66	259.2	28.83	67.6	67.5
MS-08	1	2025-07-23	7.43	2.55	252.4	28.68	66.5	67.9
MS-12	1	2025-07-23	7.02	2.58	283.9	28.79	67.4	66.3
MS-07	1	2025-07-23	5.64	5.59	288	28.72	66.4	69.7
MS-10	1	2025-07-23	6.1	3.38	229.5	28.88	68	68.1
MS-08	1	2025-07-24	4.72	2.67	253.5	28.71	68.1	57.9
MS-06	1	2025-07-24	5.03	3.8	243.9	28.85	69.4	58.7
MS-10	1	2025-07-24	4.26	3.47	243.9	28.9	69.4	58.9
MS-11	1	2025-07-24	3.67	2.41	196.2	28.49	71	55.8
MS-07	1	2025-07-24	3.38	6.11	296.2	28.74	68.7	58.7
MS-12	1	2025-07-24	4.23	2.76	305.9	28.82	69.3	56.8
MS-10	1	2025-07-25	4.49	3.43	233.7	28.84	67.4	62.6
MS-08	1	2025-07-25	5.65	2.66	250.1	28.64	66	62.1
MS-07	1	2025-07-25	4.03	5.78	297.9	28.68	66.2	63
MS-12	1	2025-07-25	4.67	2.61	266.5	28.76	67.1	60.4
MS-06	1	2025-07-25	5.22	3.81	243.8	28.79	67.2	62.7
MS-11	1	2025-07-25	4.08	2.47	186.7	28.42	68.8	60.9
MS-10	1	2025-07-26	4.42	3.32	237.6	28.82	65.5	69.4
MS-11	1	2025-07-26	4.04	2.43	201.2	28.41	66.9	65.7
MS-12	1	2025-07-26	4.43	2.59	184.1	28.74	65.3	65.7
MS-08	1	2025-07-26	5.47	2.66	245.4	28.63	64.4	66.8
MS-06	1	2025-07-26	4.47	3.74	258	28.77	65.3	68.9
MS-12	1	2025-07-27	4.66	2.65	230.2	28.74	69.3	59.7
MS-08	1	2025-07-27	6.26	2.75	247.3	28.63	68.2	61.2
MS-10	1	2025-07-27	4.01	3.38	228.9	28.82	69.4	61.7
MS-11	1	2025-07-27	4.32	2.16	245.3	28.41	71	59.2
MS-06	1	2025-07-27	4.52	3.48	247.8	28.77	69.2	61.3
MS-07	1	2025-07-28	2.88	5.85	296.4	28.7	68.7	63.4
MS-12	1	2025-07-28	5.66	2.72	267.8	28.78	69.5	61.2
MS-06	1	2025-07-28	6.38	3.54	252.4	28.81	69.6	63
MS-08	1	2025-07-28	6.43	2.82	250.3	28.67	68.6	62.5
MS-11	1	2025-07-28	5.88	2.33	215.8	28.45	71.4	61.3
MS-10	1	2025-07-28	5.49	3.27	255.8	28.86	69.9	63.6
MS-08	1	2025-07-29	9.7	2.59	250	28.68	71.1	59.3
MS-12	1	2025-07-29	7.33	2.8	257.9	28.79	71.9	58.3

Table A-2
24-Hour Average PM10 Community Monitoring Station Data

Monitoring Station	Event #	Time	PM10	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			µg/m ³	mph	°	in Hg	°F	%
MS-07	1	2025-07-29	4.87	5.6	306	28.71	70.6	61.3
MS-11	1	2025-07-29	6.88	2.13	219.2	28.46	74	55.6
MS-06	1	2025-07-29	7.94	3.65	245.4	28.82	71.9	59.2
MS-10	1	2025-07-29	6.81	3.2	252.2	28.87	72	60.1
MS-10	1	2025-07-30	7.87	3.33	258.9	28.82	73.6	58.9
MS-11	1	2025-07-30	7.68	2.2	225.1	28.42	75.8	54.2
MS-12	1	2025-07-30	8.04	2.85	242.8	28.74	73.6	56
MS-06	1	2025-07-30	8.47	3.65	246.2	28.77	73.7	56.7
MS-08	1	2025-07-30	9.85	2.74	246.4	28.63	72.6	57.5
MS-07	1	2025-07-30	4.47	6.07	299.9	28.67	73.1	57
MS-11	1	2025-07-31	7.4	2.09	199.3	28.42	77.9	48.6
MS-12	1	2025-07-31	7.94	2.72	304.4	28.75	75.3	50.8
MS-08	1	2025-07-31	12.42	2.58	253.4	28.64	74.4	51
MS-06	1	2025-07-31	8	3.28	249	28.78	75.4	51.7
MS-07	1	2025-07-31	4.71	5.83	302.2	28.67	75	51.7
MS-10	1	2025-07-31	7.57	3.34	277.4	28.82	75.2	53.8
MS-08	1	2025-08-01	9.42	2.64	249.4	28.71	72.7	53.3
MS-10	1	2025-08-01	7.57	3.09	257.6	28.89	73.3	56.9
MS-11	1	2025-08-01	8.02	2.13	241.3	28.49	76	51.1
MS-12	1	2025-08-01	9.48	2.69	255	28.82	73.5	52.8
MS-06	1	2025-08-01	8.46	3.18	248.2	28.85	73.5	54.9
MS-07	1	2025-08-01	4.41	5.6	305.9	28.74	72.9	53.8
MS-12	1	2025-08-02	9.05	2.67	227.9	28.83	73.7	54.2
MS-08	1	2025-08-02	9.65	2.62	244.6	28.72	72.8	54.3
MS-07	1	2025-08-02	4.67	5.57	297.1	28.75	72.9	55.4
MS-10	1	2025-08-02	7.94	3.26	253.1	28.9	73.4	58.9
MS-11	1	2025-08-02	7.83	1.98	220.3	28.5	76.2	51.2
MS-06	1	2025-08-02	8.04	3.79	246.8	28.86	73.3	56.5
MS-11	1	2025-08-03	9.31	2.17	228	28.42	76.7	51.2
MS-10	1	2025-08-03	8.5	3.28	277.8	28.82	73.9	55.6
MS-08	1	2025-08-03	25.32	2.52	247.1	28.64	73.3	51.2
MS-06	1	2025-08-03	8.89	3.79	248.7	28.78	74.2	52.7
MS-07	1	2025-08-03	4.79	5.85	292.8	28.67	73.6	51.6
MS-12	1	2025-08-03	9.69	2.66	279.3	28.75	74.3	50.7
MS-11	1	2025-08-04	12.45	2.2	215.9	28.36	76.3	49.3
MS-06	1	2025-08-04	13.27	3.68	253.1	28.72	73.5	53.8
MS-08	1	2025-08-04	13.83	2.3	250.4	28.58	72.7	52.4
MS-07	1	2025-08-04	6.8	5.79	298	28.61	73	52.2
MS-10	1	2025-08-04	12.96	3.22	272.1	28.77	73.1	57.4
MS-12	1	2025-08-04	12.83	2.69	279.8	28.69	73.6	51.5
MS-08	1	2025-08-05	15.92	2.36	254.2	28.63	74.4	50.8
MS-06	1	2025-08-05	14.06	3.43	249.6	28.77	75.6	49.8

Table A-2
24-Hour Average PM10 Community Monitoring Station Data

Monitoring Station	Event #	Time	PM10	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			µg/m ³	mph	°	in Hg	°F	%
MS-10	1	2025-08-05	13.18	3.17	279.9	28.81	74.9	54
MS-07	1	2025-08-05	6.91	5.86	305.1	28.66	75.4	49
MS-11	1	2025-08-05	13.07	2.2	200.7	28.41	78	47.2
MS-12	1	2025-08-05	13.62	2.72	319.3	28.74	75.5	49
MS-10	1	2025-08-06	11.66	2.65	288.2	28.85	77.1	49.4
MS-06	1	2025-08-06	12.46	2.88	243.1	28.8	77.8	45
MS-07	1	2025-08-06	6.5	5.69	324	28.69	77.8	43.3
MS-08	1	2025-08-06	14.22	2.35	257.3	28.66	76.5	45.8
MS-11	1	2025-08-06	12.32	2.36	174.6	28.45	80.2	42.4
MS-12	1	2025-08-06	13.43	2.69	323.8	28.78	77.7	43.7
MS-12	1	2025-08-07	12.14	2.9	325.5	28.73	80.8	35.4
MS-06	1	2025-08-07	10.12	3.12	248.5	28.76	80.6	36.9
MS-07	1	2025-08-07	6.39	5.95	318.4	28.65	81.1	34.6
MS-08	1	2025-08-07	13.65	2.41	263.6	28.62	79.5	36.8
MS-10	1	2025-08-07	9.09	2.86	297.6	28.8	80	40.9
MS-11	1	2025-08-07	8.69	2.42	170.8	28.4	83.8	32.9
MS-08	1	2025-08-08	25.87	2.25	251.3	28.56	78.4	37.4
MS-07	1	2025-08-08	15.89	5.54	319.8	28.59	79.5	36.8
MS-10	1	2025-08-08	20.38	2.69	294.1	28.75	77.7	43.7
MS-11	1	2025-08-08	9.01	2.55	176	28.35	82.1	33.3
MS-06	1	2025-08-08	20.56	3.13	246.7	28.7	79.4	37.7
MS-12	1	2025-08-08	30.12	2.86	320.7	28.67	79.3	37.5
MS-08	1	2025-08-09	12.62	2.27	252.1	28.56	76.9	42.7
MS-07	1	2025-08-09	4.33	5.19	312.1	28.6	77.1	44.1
MS-11	1	2025-08-09	7.32	2.16	201.1	28.35	80.1	43.1
MS-12	1	2025-08-09	9.34	2.68	284.3	28.67	77.7	43.1
MS-10	1	2025-08-09	6.95	2.95	242.4	28.76	76.8	49.5
MS-06	1	2025-08-09	7.61	3.35	241.1	28.7	77.3	45.8
MS-11	1	2025-08-10	6.49	2.12	203.4	28.38	80.4	44.1
MS-08	1	2025-08-10	8.06	2.47	239.4	28.59	76.9	47.4
MS-10	1	2025-08-10	6	2.89	251.3	28.79	76.9	50.9
MS-06	1	2025-08-10	6.56	3.63	248.5	28.74	77	49.5
MS-07	1	2025-08-10	3.54	5.1	305.2	28.63	76.8	48.4
MS-12	1	2025-08-10	7.71	2.72	278.8	28.71	77.5	47.5
MS-10	1	2025-08-11	9.68	3.12	274.9	28.78	77.7	54.2
MS-12	1	2025-08-11	10.06	2.64	257	28.69	78.2	49.8
MS-06	1	2025-08-11	9.87	3.81	246.3	28.72	77.8	51.3
MS-11	1	2025-08-11	9.39	2.17	204.1	28.37	80.2	48.8
MS-08	1	2025-08-11	12.3	2.54	243.8	28.58	77.2	50.6
MS-07	1	2025-08-11	4.82	5.74	312	28.62	77.2	50.9
MS-11	1	2025-08-12	10.61	2.19	250.4	28.35	77.2	55.5
MS-12	1	2025-08-12	11.44	2.54	236.8	28.67	75.3	56.3

Table A-2
24-Hour Average PM10 Community Monitoring Station Data

Monitoring Station	Event #	Time	PM10	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			µg/m ³	mph	°	in Hg	°F	%
MS-08	1	2025-08-12	12.91	2.48	246.1	28.56	74.7	57.2
MS-07	1	2025-08-12	5.46	5.58	288.2	28.59	74.4	57.4
MS-06	1	2025-08-12	10.82	3.6	248.7	28.7	75.2	57.3
MS-10	1	2025-08-12	10.01	2.91	233.8	28.76	75.4	59.7
MS-07	1	2025-08-13	11.45	5.23	236.2	28.6	71.3	66.7
MS-06	1	2025-08-13	11.48	3.51	256.1	28.71	72.9	64.8
MS-10	1	2025-08-13	19.27	2.89	214.7	28.77	73.3	65.7
MS-12	1	2025-08-13	10.17	2.42	203.5	28.68	73	63.4
MS-11	1	2025-08-13	12.02	2.03	228.3	28.35	75.1	62.3
MS-09	1	2025-08-13	26.15	2.91	274.3	28.55	74.1	61.3
MS-08	1	2025-08-13	14.2	2.25	239.4	28.57	72.8	63.9
MS-09	1	2025-08-14	14.46	2.98	263.8	28.53	71.3	64
MS-07	1	2025-08-14	14.87	5.22	230	28.59	68.7	69.3
MS-06	1	2025-08-14	11.35	3.66	256.4	28.69	70.1	68
MS-10	1	2025-08-14	11.3	3.1	213.4	28.75	70.7	68.3
MS-12	1	2025-08-14	3.57	2.41	189.8	28.67	70.4	66.2
MS-11	1	2025-08-14	12.02	2.13	249.5	28.33	72.7	64.3
MS-08	1	2025-08-14	13.95	2.19	229	28.55	70.2	65.8
MS-09	1	2025-08-15	12.67	2.79	256.4	28.57	69.1	69.5
MS-11	1	2025-08-15	10.57	2.34	256.9	28.37	69.8	70.2
MS-07	1	2025-08-15	11.86	4.89	251.3	28.62	67.1	74.7
MS-12	1	2025-08-15	3.15	2.43	179.3	28.7	68.7	72.3
MS-10	1	2025-08-15	10.36	2.83	219	28.79	68.9	73.2
MS-08	1	2025-08-15	12.75	2.24	239.9	28.59	68.1	70.7
MS-06	1	2025-08-15	10.26	3.47	259.7	28.73	68.4	73.4
MS-12	1	2025-08-16	2.8	2.13	230.5	28.77	68.2	73.2
MS-08	1	2025-08-16	11.21	2.3	246.8	28.65	67.4	72.8
MS-11	1	2025-08-16	10.64	2.19	265.9	28.43	69.5	72.8
MS-06	1	2025-08-16	9.73	3.54	265.2	28.8	68.1	75
MS-07	1	2025-08-16	11.47	4.46	268.7	28.69	66.7	76.9
MS-09	1	2025-08-16	10.96	2.77	283.3	28.64	68.7	71.2
MS-10	1	2025-08-16	9.59	2.84	220.6	28.86	68.4	75.5
MS-06	1	2025-08-17	6.67	3.66	249.7	28.76	71.7	65.7
MS-07	1	2025-08-17	8.42	5.6	289.3	28.65	70.7	67.1
MS-11	1	2025-08-17	7.2	2.16	220.2	28.4	73.4	64.1
MS-10	1	2025-08-17	6.49	3.4	235.5	28.82	71.6	67.7
MS-09	1	2025-08-17	8.07	3.18	294.6	28.6	72.1	63
MS-08	1	2025-08-17	7.77	2.48	248.1	28.62	70.6	65.8
MS-10	1	2025-08-18	6.97	3.09	298.1	28.8	75.2	61.6
MS-07	1	2025-08-18	8.26	5.81	308.1	28.64	74.9	59.5
MS-11	1	2025-08-18	6.71	2.19	200.4	28.39	77.2	56.5
MS-06	1	2025-08-18	6.71	3.38	249.7	28.74	75.3	59.4

Table A-2
24-Hour Average PM10 Community Monitoring Station Data

Monitoring Station	Event #	Time	PM10	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			µg/m ³	mph	°	in Hg	°F	%
MS-09	1	2025-08-18	8.16	3.23	308.8	28.58	75.7	56.5
MS-08	1	2025-08-18	12.91	2.58	253.9	28.6	74	59.4
MS-11	1	2025-08-19	6.49	2.2	178.2	28.44	77.4	51.4
MS-08	1	2025-08-19	8.28	2.55	255.3	28.65	73.7	56.1
MS-06	1	2025-08-19	6.92	3.11	249.2	28.79	75.1	55.8
MS-10	1	2025-08-19	7.01	2.76	280.6	28.85	75	57.4
MS-07	1	2025-08-19	8.37	5.7	318.8	28.69	75	54.3
MS-09	1	2025-08-19	8.5	3.19	323.8	28.63	75.2	52.6
MS-12	1	2025-08-19	2.51	2.29	327.8	28.77	74.8	53.9
MS-07	1	2025-08-20	8.72	5.82	317.1	28.63	79.6	44.1
MS-10	1	2025-08-20	8.28	2.66	283.7	28.79	78.8	50
MS-12	1	2025-08-20	3.22	2.53	321.6	28.71	78.8	45.6
MS-06	1	2025-08-20	8.11	2.92	248.7	28.73	79.5	45.9
MS-09	1	2025-08-20	9.84	3.02	300.3	28.57	79.7	44
MS-08	1	2025-08-20	9.6	2.41	255.4	28.59	77.8	46.2
MS-11	1	2025-08-20	7.32	2.38	176	28.38	82.5	40.6
MS-10	1	2025-08-21	8.3	2.4	310.7	28.72	83.2	42.5
MS-08	1	2025-08-21	9.48	2.37	249.2	28.52	82.7	35.7
MS-12	1	2025-08-21	3.07	2.51	314.9	28.63	83.8	35.8
MS-07	1	2025-08-21	9	5.27	317.9	28.56	84.5	34.3
MS-06	1	2025-08-21	7.9	2.77	249.3	28.66	84.2	36.4
MS-09	1	2025-08-21	9.47	2.92	329.7	28.5	84.4	33.6
MS-11	1	2025-08-21	8.31	2.25	181.6	28.31	86.4	34
MS-08	1	2025-08-22	10.49	2.41	249.7	28.51	83.4	37.3
MS-10	1	2025-08-22	8.24	2.75	299.8	28.71	83.7	41.8
MS-06	1	2025-08-22	8.26	3.25	247.9	28.65	84.6	37.7
MS-09	1	2025-08-22	9.37	3.06	311.6	28.49	85.4	34.8
MS-07	1	2025-08-22	9.84	5.57	312.7	28.55	84.6	35.4
MS-12	1	2025-08-22	3.21	2.72	292.9	28.62	84.8	35.7
MS-11	1	2025-08-22	8.07	2.33	200	28.3	86.7	35.5
MS-09	1	2025-08-23	8.88	2.56	6.9	28.53	83.3	39.9
MS-08	1	2025-08-23	10.29	2.1	242.1	28.55	81.8	42.7
MS-07	1	2025-08-23	9.49	4.23	339.9	28.59	82	43.4
MS-06	1	2025-08-23	7.99	2.45	254.8	28.69	82.6	44.1
MS-10	1	2025-08-23	7.66	1.96	221.8	28.75	82.1	46.6
MS-11	1	2025-08-23	8.59	2.18	190.5	28.34	83.8	42.1
MS-12	1	2025-08-23	3.1	2.22	296.8	28.66	82.5	42
MS-12	1	2025-08-24	2.71	2.5	290.5	28.65	82.6	45.9
MS-11	1	2025-08-24	6.85	2.28	213.2	28.33	84.7	42.6
MS-10	1	2025-08-24	6.62	2.79	277.3	28.74	82.1	50.7
MS-09	1	2025-08-24	7.97	2.89	312.2	28.52	83.4	43.2
MS-06	1	2025-08-24	6.85	3.01	246.1	28.68	82.6	46.8

Table A-2
24-Hour Average PM10 Community Monitoring Station Data

Monitoring Station	Event #	Time	PM10	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			µg/m ³	mph	°	in Hg	°F	%
MS-08	1	2025-08-24	11.97	2.26	250.7	28.54	81.9	45.4
MS-07	1	2025-08-24	8.52	5.32	297.9	28.58	82.1	46.4
MS-10	1	2025-08-25	6.76	2.79	267.6	28.74	79.5	50.2
MS-11	1	2025-08-25	5.44	2.61	167.4	28.33	82.6	41.1
MS-08	1	2025-08-25	7.47	2.31	246	28.54	79.1	45
MS-09	1	2025-08-25	7.04	3.14	6.5	28.52	80.9	42.2
MS-07	1	2025-08-25	7.73	5.32	301.8	28.57	79.4	45.6
MS-06	1	2025-08-25	6.23	3.21	254.9	28.68	80.1	46.5
MS-08	1	2025-08-26	10.98	2.22	248.8	28.61	75.8	52.6
MS-07	1	2025-08-26	9.05	5.4	243.8	28.64	75.7	54.8
MS-10	1	2025-08-26	7.27	2.64	238.5	28.81	76.3	57.7
MS-06	1	2025-08-26	7.05	3.77	247	28.75	76	55.9
MS-11	1	2025-08-26	6.34	2.78	186.1	28.39	78.9	48.2
MS-12	1	2025-08-26	2.72	3.1	201.7	28.72	76.1	53.9
MS-09	1	2025-08-26	8.87	2.92	228	28.59	77.3	50.5
MS-08	1	2025-08-27	11.93	1.84	251	28.68	74.9	47.5
MS-09	1	2025-08-27	7.72	2.93	314.2	28.66	76.5	45.2
MS-12	1	2025-08-27	2.56	2.55	329.5	28.79	75.9	47
MS-11	1	2025-08-27	6.45	2.33	162.5	28.46	78.3	46.9
MS-07	1	2025-08-27	7.88	5.63	313.7	28.71	75.9	48.2
MS-10	1	2025-08-27	6.78	2.5	249.8	28.88	75.9	53.3
MS-06	1	2025-08-27	6.9	2.89	256.6	28.82	76.5	49.9
MS-07	1	2025-08-28	6.6	5.11	291.6	28.72	74.2	36.3
MS-09	1	2025-08-28	7.64	2.62	331.6	28.66	74.7	34
MS-08	1	2025-08-28	7.59	1.63	250.6	28.68	73.3	34.7
MS-10	1	2025-08-28	6.2	2.16	265.8	28.89	74	43.4
MS-11	1	2025-08-28	4.77	2.55	170.3	28.46	76.4	36.4
MS-06	1	2025-08-28	6.11	2.38	269.4	28.82	74.9	40.4
MS-09	1	2025-08-29	9.7	3.05	293.3	28.62	76.5	35.5
MS-12	1	2025-08-29	3.43	2.74	332.2	28.76	76.3	36.2
MS-08	1	2025-08-29	14.02	2	253.2	28.65	75.2	36.8
MS-06	1	2025-08-29	8.33	3.17	259.2	28.79	76.5	37.9
MS-07	1	2025-08-29	8.94	6.02	305.3	28.68	76.3	35.7
MS-11	1	2025-08-29	7.2	2.25	181.1	28.43	79.3	35.8
MS-10	1	2025-08-29	8.08	3.02	272.9	28.85	75.6	42.4
MS-10	1	2025-08-30	7.97	3.07	281.9	28.79	78.5	42.7
MS-06	1	2025-08-30	7.79	3.19	252.7	28.72	79.3	38.5
MS-07	1	2025-08-30	10.83	6.11	305	28.62	79.3	36.8
MS-08	1	2025-08-30	12.73	2.05	258.5	28.59	78.1	38.7
MS-11	1	2025-08-30	8.29	2.2	178.7	28.37	81.8	36.3
MS-09	1	2025-08-30	10.25	2.98	311.2	28.56	79.3	37.3
MS-12	1	2025-08-30	3.94	2.73	332.1	28.7	79.1	37.8

Table A-2
24-Hour Average PM10 Community Monitoring Station Data

Monitoring Station	Event #	Time	PM10	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			µg/m ³	mph	°	in Hg	°F	%
MS-12	1	2025-08-31	2.85	2.8	328	28.68	80.9	41.9
MS-07	1	2025-08-31	8.88	6.04	300.4	28.6	80.8	41.8
MS-06	1	2025-08-31	6.31	3.36	254.1	28.7	80.7	43
MS-10	1	2025-08-31	6.72	3.01	268.3	28.77	80.2	45.9
MS-11	1	2025-08-31	7.59	2.32	194.2	28.35	82.9	40.4
MS-09	1	2025-08-31	9.17	3	304.4	28.54	81	40.6
MS-08	1	2025-08-31	9.72	2.2	256	28.57	79.9	42.7
MS-09	1	2025-09-01	6.1	3.01	291.4	28.55	80.6	46.4
MS-08	1	2025-09-01	7.42	2.32	248.4	28.57	79.2	49.6
MS-10	1	2025-09-01	5.37	3.05	249.6	28.77	79.8	51.4
MS-07	1	2025-09-01	6.95	5.78	290.5	28.61	79.9	48.9
MS-11	1	2025-09-01	5.71	2.36	219.8	28.36	82.4	46.8
MS-06	1	2025-09-01	5.3	3.58	253.2	28.71	80.2	49.6
MS-12	1	2025-09-02	3.25	2.6	346.1	28.7	81.3	52.3
MS-07	1	2025-09-02	9.38	4.65	59.9	28.63	80.6	55
MS-08	1	2025-09-02	10.25	1.97	232	28.59	80.7	51.3
MS-11	1	2025-09-02	7.39	2.98	149	28.38	82.8	49.2
MS-09	1	2025-09-02	8.76	2.59	36.8	28.57	82.1	49.4
MS-10	1	2025-09-02	7.84	1.73	66.1	28.79	81.2	56.7
MS-06	1	2025-09-02	8.22	3.17	350.1	28.73	81.2	55
MS-09	1	2025-09-03	6.91	2.88	290.5	28.56	82.1	46.7
MS-10	1	2025-09-03	6.2	2.72	285.9	28.79	81.1	54.7
MS-11	1	2025-09-03	5.21	2.21	184.9	28.37	84.4	43.9
MS-06	1	2025-09-03	6.17	2.89	253.9	28.72	81.8	50.4
MS-08	1	2025-09-03	7.56	2.17	250.5	28.59	80.5	48.3
MS-07	1	2025-09-03	7.31	5.3	290.9	28.62	81.7	48.3
MS-11	1	2025-09-04	6.02	2.17	182.2	28.31	81.6	45.3
MS-06	1	2025-09-04	5.89	3.12	253.7	28.66	79.4	49.1
MS-12	1	2025-09-04	2.76	2.68	321.2	28.64	79.1	47.7
MS-08	1	2025-09-04	8.02	2.24	258.7	28.52	78	47.2
MS-09	1	2025-09-04	7.36	3.07	311.1	28.5	79.5	45
MS-10	1	2025-09-04	5.77	3.01	240.5	28.73	79	51.9
MS-07	1	2025-09-04	7.25	5.4	306.1	28.56	79	48.3
MS-11	1	2025-09-05	5.84	2.28	182.8	28.29	77.9	43.1
MS-10	1	2025-09-05	5.84	2.78	273.6	28.7	75.1	49.5
MS-08	1	2025-09-05	8.52	2.48	258	28.5	73.9	44.9
MS-06	1	2025-09-05	5.93	2.87	254.3	28.64	75.6	48.3
MS-12	1	2025-09-05	2.62	2.74	326.7	28.61	75	44.2
MS-07	1	2025-09-05	7.27	5.49	307.8	28.54	75.5	44.6
MS-09	1	2025-09-05	7.18	3.12	311.1	28.48	76	40.3
MS-08	1	2025-09-06	6.92	2.5	257.2	28.6	72.5	41
MS-06	1	2025-09-06	4.39	2.81	251.2	28.75	73.7	42

Table A-2
24-Hour Average PM10 Community Monitoring Station Data

Monitoring Station	Event #	Time	PM10	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			µg/m ³	mph	°	in Hg	°F	%
MS-09	1	2025-09-06	5.76	2.92	353.5	28.58	74.3	34.6
MS-10	1	2025-09-06	4.43	2.11	258.2	28.81	73.5	43.8
MS-07	1	2025-09-06	5.73	5.43	320.4	28.64	74	39.1
MS-11	1	2025-09-06	4.85	2.73	171.4	28.39	75.9	41.2
MS-06	1	2025-09-07	3.75	2.82	259.3	28.83	74.9	39.8
MS-08	1	2025-09-07	4.63	2.46	256.8	28.68	73.4	38.6
MS-09	1	2025-09-07	5.35	2.95	320.4	28.66	74.6	33.7
MS-07	1	2025-09-07	4.43	5.48	309.5	28.72	75.3	36.6
MS-10	1	2025-09-07	3.8	2.52	309	28.89	74	40.6
MS-11	1	2025-09-07	4.02	2.25	187	28.47	77.5	36.9
MS-10	1	2025-09-08	4.76	3.2	262.7	28.87	71.1	44.8
MS-09	1	2025-09-08	5.9	3.31	331.7	28.64	71.7	38.8
MS-06	1	2025-09-08	4.05	3.36	251	28.81	71.9	41.1
MS-11	1	2025-09-08	3.5	2.37	196	28.45	74.4	38.9
MS-08	1	2025-09-08	5.85	2.48	255.8	28.67	70.3	43.6
MS-07	1	2025-09-08	5.18	5.83	295.6	28.7	72	40.3
MS-11	1	2025-09-09	3.82	2.13	180.5	28.34	70.5	57.3
MS-08	1	2025-09-09	5.88	2.5	256.1	28.56	66.9	64.8
MS-10	1	2025-09-09	4.75	3.25	243.9	28.77	68.3	62.3
MS-07	1	2025-09-09	5.96	5.97	282.2	28.59	68.1	62.5
MS-06	1	2025-09-09	3.99	3.18	260.6	28.7	68.5	60.8
MS-09	1	2025-09-09	7.02	3.39	299.5	28.53	68.1	59.4
MS-06	1	2025-09-10	4.29	3.31	256	28.7	66.2	73.6
MS-09	1	2025-09-10	4.7	3.05	255.9	28.53	65.7	71.7
MS-07	1	2025-09-10	4.85	4.66	258.9	28.59	64.8	74.9
MS-10	1	2025-09-10	4.44	3.05	227.7	28.76	66	74.7
MS-11	1	2025-09-10	3.93	2.2	219.1	28.33	66.8	72.7
MS-08	1	2025-09-10	6.79	2.25	247	28.55	64.8	73.9
MS-10	1	2025-09-11	4.4	3.04	213.5	28.8	67.4	70.8
MS-09	1	2025-09-11	4.95	3	276.6	28.56	66.9	68.8
MS-11	1	2025-09-11	4.02	2.25	185.9	28.37	68	69.5
MS-08	1	2025-09-11	5.26	2.4	254.6	28.59	65.8	70.9
MS-07	1	2025-09-11	4.82	5.44	267.9	28.62	66.4	71.2
MS-06	1	2025-09-11	3.8	3.17	258.1	28.73	67.3	69.6
MS-07	1	2025-09-12	6.38	6.04	286.8	28.6	66.5	71
MS-09	1	2025-09-12	6.19	3.21	272.9	28.54	67	69.4
MS-11	1	2025-09-12	5.72	2.18	189.1	28.35	68.5	69
MS-10	1	2025-09-12	5.68	3.37	242.1	28.78	67.2	71.5
MS-08	1	2025-09-12	6.95	2.61	255.9	28.57	65.8	71.9
MS-06	1	2025-09-12	5.15	3.45	254.8	28.71	67.3	69.4
MS-07	1	2025-09-13	8.77	5.69	302.7	28.59	67.2	74.9
MS-10	1	2025-09-13	7.12	3.06	232.5	28.76	68.2	73.8

Table A-2
24-Hour Average PM10 Community Monitoring Station Data

Monitoring Station	Event #	Time	PM10	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			µg/m ³	mph	°	in Hg	°F	%
MS-11	1	2025-09-13	8.05	2.19	207.6	28.33	69.1	73.1
MS-09	1	2025-09-13	7.95	3.1	291	28.52	68	71.8
MS-06	1	2025-09-13	6.24	3.45	252.4	28.69	68.2	72.7
MS-12	1	2025-09-13	2.53	2.28	320.1	28.66	68.1	72.2
MS-08	1	2025-09-13	9.45	2.31	250.5	28.55	66.9	73.8
MS-11	1	2025-09-14	9.62	1.96	193.8	28.3	71.6	70.6
MS-06	1	2025-09-14	7.01	3.01	259	28.66	70	71.7
MS-09	1	2025-09-14	9.23	2.79	302.6	28.49	70.5	68.2
MS-12	1	2025-09-14	2.76	2.17	302.4	28.63	69.7	69.6
MS-08	1	2025-09-14	10.36	2.3	242.8	28.52	69.1	70.4
MS-07	1	2025-09-14	10.42	4.57	297.3	28.55	69.3	72.2
MS-10	1	2025-09-14	8.18	2.85	228	28.72	70.2	72.4
MS-06	1	2025-09-15	7.64	2.5	253.6	28.67	74.1	60.3
MS-11	1	2025-09-15	16.19	2.16	168.9	28.32	76.8	54.9
MS-09	1	2025-09-15	10.03	2.69	343.2	28.5	75.1	54.9
MS-12	1	2025-09-15	2.99	2.28	332.8	28.64	74.5	58.6
MS-10	1	2025-09-15	8.7	2.28	266.2	28.73	74	60.7
MS-07	1	2025-09-15	10.91	5.11	321.4	28.56	74.3	59.4
MS-08	1	2025-09-15	12.99	2.22	257.8	28.53	73.3	58.7
MS-11	1	2025-09-16	5.75	2.33	171.8	28.39	79.5	43.4
MS-06	1	2025-09-16	5.72	2.64	246.8	28.73	77.4	48.4
MS-07	1	2025-09-16	9.09	5.6	313.7	28.62	77.6	47.9
MS-08	1	2025-09-16	8.07	2.44	254.1	28.59	76.3	51
MS-09	1	2025-09-16	7.26	2.7	309.9	28.56	77.6	48.1
MS-10	1	2025-09-16	6.43	2.35	339.2	28.79	76.7	52.6
MS-10	1	2025-09-17	6.12	3.03	241	28.76	77.5	55.7
MS-06	1	2025-09-17	5.61	3.35	254.3	28.69	78.7	51.1
MS-09	1	2025-09-17	5.65	3.1	276.8	28.52	78.3	52.1
MS-11	1	2025-09-17	5.24	2.2	178.3	28.35	79.8	51.2
MS-08	1	2025-09-17	7.13	2.62	249.1	28.56	77.1	53.6
MS-07	1	2025-09-17	6.17	5.71	276.9	28.59	78.2	51.2
MS-08	1	2025-09-18	6.95	1.48	228.6	28.52	69.6	80.5
MS-07	1	2025-09-18	7.49	3.02	225.9	28.55	69	80.9
MS-10	1	2025-09-18	5.83	1.55	223.3	28.73	70.4	79.9
MS-11	1	2025-09-18	5.82	1.83	177.7	28.31	70.1	78.4
MS-09	1	2025-09-18	5.95	1.88	267.5	28.53	70.1	78.8
MS-06	1	2025-09-18	5.27	1.6	260.4	28.66	70.3	77.9
MS-06	1	2025-09-19	4.95	1.98	266.2	28.7	73.3	75
MS-10	1	2025-09-19	5.65	2.05	211.4	28.77	73.3	76.6
MS-11	1	2025-09-19	5.77	2.1	192.9	28.36	73.5	73.1
MS-07	1	2025-09-19	7.86	3.68	214.4	28.6	71.6	79.3
MS-09	1	2025-09-19	5.12	1.86	284.1	28.62	73.5	73.4

Table A-2
24-Hour Average PM10 Community Monitoring Station Data

Monitoring Station	Event #	Time	PM10	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			µg/m ³	mph	°	in Hg	°F	%
MS-08	1	2025-09-19	6.65	1.7	249.3	28.56	72.3	77.1
MS-06	1	2025-09-20	3.36	2.54	251.9	28.75	72.7	71.3
MS-12	1	2025-09-20	2.73	2.24	333.5	28.72	72	72.3
MS-08	1	2025-09-20	4.17	2.29	253.4	28.61	71.3	72
MS-10	1	2025-09-20	3.83	2.47	109.6	28.82	72.7	72.6
MS-11	1	2025-09-20	4.02	1.97	153.2	28.4	74	69
MS-07	1	2025-09-20	5	4.88	310.2	28.64	71.8	73.1
MS-09	1	2025-09-20	3.51	2.64	296.1	28.67	72.5	70.3
MS-10	1	2025-09-21	3.74	2.72	262.3	28.77	71	70
MS-08	1	2025-09-21	4.36	2.27	254.6	28.57	70.2	68.2
MS-09	1	2025-09-21	3.57	2.74	273.4	28.63	71.2	66.6
MS-06	1	2025-09-21	3.39	2.91	256.5	28.71	71.1	68.7
MS-07	1	2025-09-21	4.69	5.3	303.1	28.6	70.6	69.4
MS-11	1	2025-09-21	4.13	2.11	161.4	28.36	72.8	64.8
MS-07	1	2025-09-22	4.71	5.41	311.3	28.54	72.6	59.5
MS-08	1	2025-09-22	5.47	2.3	253.7	28.51	71.6	60.5
MS-09	1	2025-09-22	4.25	2.84	296.9	28.57	73	57.2
MS-10	1	2025-09-22	4.6	2.61	284.7	28.72	72.4	62.7
MS-06	1	2025-09-22	4.39	2.65	260.6	28.65	73.2	59.7
MS-11	1	2025-09-22	4.57	2.02	161.6	28.3	74.6	57.6
MS-09	1	2025-09-23	5.37	2.56	267.1	28.58	77.3	52.8
MS-08	1	2025-09-23	6.79	2.08	243.4	28.52	76.1	54.9
MS-11	1	2025-09-23	5.28	2.37	167.8	28.31	78.7	51.1
MS-07	1	2025-09-23	6.2	4.96	303.8	28.55	76.6	54
MS-10	1	2025-09-23	5.05	2.05	300.9	28.72	76.3	57.6
MS-06	1	2025-09-23	4.72	2.8	244.6	28.65	77	54.1
MS-07	1	2025-09-24	6.65	5.2	267.4	28.64	74.1	65.4
MS-08	1	2025-09-24	6.54	2.39	243.2	28.6	74.5	62.7
MS-09	1	2025-09-24	5.36	2.79	279	28.66	75.5	60.8
MS-10	1	2025-09-24	5.37	2.94	227.7	28.81	74.9	66.9
MS-06	1	2025-09-24	5.09	3.33	259.3	28.74	75.2	64.9
MS-11	1	2025-09-24	5.95	2.39	218.6	28.4	76.3	60.9
MS-09	1	2025-09-25	4.86	2.83	294.7	28.67	70.1	69
MS-08	1	2025-09-25	5.76	2.32	254.2	28.6	69.2	70.8
MS-10	1	2025-09-25	4.6	3.21	208.6	28.81	69.7	72.4
MS-07	1	2025-09-25	6.84	5.41	259.9	28.64	69	73
MS-11	1	2025-09-25	4.63	2.06	194.4	28.4	71.1	68.5
MS-06	1	2025-09-25	4.5	3.24	254.5	28.74	69.8	71.8
MS-10	1	2025-09-26	7.19	2.78	225.8	28.74	69.1	77
MS-09	1	2025-09-26	6.9	2.6	233.1	28.59	68.6	75.8
MS-06	1	2025-09-26	6.13	2.61	238.8	28.67	68.9	76.2
MS-07	1	2025-09-26	8.97	4.81	250.7	28.56	67.4	79.6

Table A-2
24-Hour Average PM10 Community Monitoring Station Data

Monitoring Station	Event #	Time	PM10	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			µg/m ³	mph	°	in Hg	°F	%
MS-08	1	2025-09-26	8.52	2.06	245.6	28.53	68.1	77
MS-11	1	2025-09-26	7.92	1.71	299.1	28.32	68.1	78.2
MS-09	1	2025-09-27	4.66	2.48	222.1	28.61	68.1	76.6
MS-06	1	2025-09-27	4.16	2.4	241.4	28.69	68.1	77.3
MS-08	1	2025-09-27	6.21	2	229.2	28.54	67.6	77.5
MS-10	1	2025-09-27	4.66	2.67	205.1	28.75	68.7	77.4
MS-11	1	2025-09-27	5.42	2.35	180.4	28.34	67.8	78.5
MS-07	1	2025-09-27	6.19	4.51	212.2	28.58	66.9	80
MS-08	1	2025-09-28	5.81	1.85	243.8	28.64	65.7	77.6
MS-10	1	2025-09-28	4.8	1.78	182.5	28.85	67.2	77.7
MS-09	1	2025-09-28	4.73	2.03	330.1	28.7	66.8	75.8
MS-11	1	2025-09-28	5.73	1.66	216	28.43	66.6	78.3
MS-06	1	2025-09-28	4.02	2.06	266.7	28.78	67	76.3
MS-07	1	2025-09-28	5.89	4.13	281.4	28.67	65.8	78.6
MS-11	1	2025-09-29	5.39	2.31	185.8	28.41	67.3	72.7
MS-08	1	2025-09-29	6.83	2.37	250.9	28.62	65.3	74.6
MS-10	1	2025-09-29	5.41	2.88	237.1	28.83	66.7	74.3
MS-07	1	2025-09-29	6.06	5.29	284.4	28.65	65.9	74.2
MS-06	1	2025-09-29	4.68	2.72	246.1	28.76	66.7	72.6
MS-09	1	2025-09-29	5.07	2.92	277.2	28.68	66.2	73
MS-08	1	2025-09-30	8.14	2.19	252.4	28.65	65	69.1
MS-06	1	2025-09-30	6.07	2.62	262.7	28.79	66.8	66.7
MS-09	1	2025-09-30	6.36	2.79	279.1	28.71	66.1	67.2
MS-07	1	2025-09-30	7.47	4.64	252.1	28.68	65.5	68.7
MS-11	1	2025-09-30	6.54	2.11	206.6	28.44	67.1	66.7
MS-10	1	2025-09-30	6.46	2.89	231.6	28.86	66.6	68.6

Table A-3
2-Hour Average PM_{2.5} and PM₁₀ Community Monitoring Station Data

Table A-3
2-Hour Average PM2.5 Community Monitoring Station Data

Monitoring Station	Event #	Time	PM2.5	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			µg/m ³	mph	°	in Hg	°F	%
MS-12	1	2025-07-16 06:00:00	26.22	2.1	323.2	28.74	58.7	90
MS-08	1	2025-07-16 06:00:00	26.67	1.17	274.9	28.63	57.7	91.3
MS-07	1	2025-07-16 06:00:00	25.59	3.53	2.2	28.66	57.7	94
MS-08	2	2025-08-03 08:00:00	34.12	1.42	94.3	28.67	73	50.7
MS-12	3	2025-08-07 22:00:00	25.42	1.83	337	28.71	70.5	42.5
MS-08	3	2025-08-08 00:00:00	26.99	1.52	255.9	28.58	65.1	49.3
MS-12	3	2025-08-08 00:00:00	35.57	2.98	340	28.69	66.9	46.6
MS-07	3	2025-08-08 02:00:00	25.64	4.33	358.9	28.6	67.1	44.3
MS-12	3	2025-08-08 02:00:00	52.69	2.59	334	28.68	63.6	49.5
MS-08	3	2025-08-08 02:00:00	39.83	1.56	257.2	28.56	62	50.9
MS-10	3	2025-08-08 02:00:00	29.42	0.67	332.1	28.76	61.9	60.5
MS-06	3	2025-08-08 02:00:00	29.89	0.83	256.3	28.71	65	47.6
MS-07	3	2025-08-08 04:00:00	37.17	5.6	2.8	28.6	64.9	45.3
MS-06	3	2025-08-08 04:00:00	33.55	0.79	256.8	28.71	62.4	49.7
MS-10	3	2025-08-08 04:00:00	36.67	0.67	353.3	28.76	59.8	64.4
MS-08	3	2025-08-08 04:00:00	47.62	1.68	256.4	28.56	60.1	52.5
MS-12	3	2025-08-08 04:00:00	65.21	2.97	341.7	28.68	61.7	50.7
MS-08	3	2025-08-08 06:00:00	53.92	1.08	248.4	28.58	61.6	51.9
MS-10	3	2025-08-08 06:00:00	40.77	0.68	332.4	28.77	62.4	57.9
MS-12	3	2025-08-08 06:00:00	75.56	2.17	348.3	28.7	63.2	49.8
MS-07	3	2025-08-08 06:00:00	41.4	3.77	7.7	28.61	66.3	43.6
MS-06	3	2025-08-08 06:00:00	49.45	0.67	230.8	28.73	64.6	47.4
MS-08	3	2025-08-08 08:00:00	42.75	1.2	75	28.58	78.3	34.9
MS-10	3	2025-08-08 08:00:00	30.52	0.88	245.7	28.76	77.2	37.8
MS-12	3	2025-08-08 08:00:00	32.67	1.88	211.9	28.69	80.5	31.7

Table A-3
2-Hour Average PM10 Community Monitoring Station Data

Monitoring Station	Event #	Time	PM10	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			µg/m ³	mph	°	in Hg	°F	%
MS-08	1	2025-07-10 06:00:00	49.38	1.36	252.5	28.61	62.8	51.5
MS-07	2	2025-07-11 10:00:00	29.47	8.67	182	28.6	84.1	39.4
MS-06	3	2025-07-16 06:00:00	25.78	1.17	2.5	28.77	60	89.8
MS-12	3	2025-07-16 06:00:00	28.01	2.1	323.2	28.74	58.7	90
MS-07	3	2025-07-16 06:00:00	26.4	3.53	2.2	28.66	57.7	94
MS-08	3	2025-07-16 06:00:00	28.76	1.17	274.9	28.63	57.7	91.3
MS-08	4	2025-07-31 08:00:00	45.82	1.63	56.2	28.65	74.3	50.1
MS-08	5	2025-08-03 08:00:00	178.24	1.42	94.3	28.67	73	50.7
MS-12	6	2025-08-07 22:00:00	35.25	1.83	337	28.71	70.5	42.5
MS-08	6	2025-08-07 22:00:00	33.94	1.91	254	28.59	69.3	43.6
MS-12	6	2025-08-08 00:00:00	44.17	2.98	340	28.69	66.9	46.6
MS-08	6	2025-08-08 00:00:00	32.13	1.52	255.9	28.58	65.1	49.3
MS-10	6	2025-08-08 02:00:00	32.52	0.67	332.1	28.76	61.9	60.5
MS-12	6	2025-08-08 02:00:00	58.48	2.59	334	28.68	63.6	49.5
MS-08	6	2025-08-08 02:00:00	43.88	1.56	257.2	28.56	62	50.9
MS-06	6	2025-08-08 02:00:00	32.91	0.83	256.3	28.71	65	47.6
MS-07	6	2025-08-08 02:00:00	27.23	4.33	358.9	28.6	67.1	44.3
MS-12	6	2025-08-08 04:00:00	70.3	2.97	341.7	28.68	61.7	50.7
MS-07	6	2025-08-08 04:00:00	42.23	5.6	2.8	28.6	64.9	45.3
MS-10	6	2025-08-08 04:00:00	39.47	0.67	353.3	28.76	59.8	64.4
MS-08	6	2025-08-08 04:00:00	51.43	1.68	256.4	28.56	60.1	52.5
MS-06	6	2025-08-08 04:00:00	36.14	0.79	256.8	28.71	62.4	49.7
MS-06	6	2025-08-08 06:00:00	52.72	0.67	230.8	28.73	64.6	47.4
MS-12	6	2025-08-08 06:00:00	81.76	2.17	348.3	28.7	63.2	49.8
MS-07	6	2025-08-08 06:00:00	43.55	3.77	7.7	28.61	66.3	43.6
MS-08	6	2025-08-08 06:00:00	59.93	1.08	248.4	28.58	61.6	51.9
MS-10	6	2025-08-08 06:00:00	44.43	0.68	332.4	28.77	62.4	57.9
MS-06	6	2025-08-08 08:00:00	26.82	0.67	99.8	28.72	78.2	31.8
MS-08	6	2025-08-08 08:00:00	48.51	1.2	75	28.58	78.3	34.9
MS-10	6	2025-08-08 08:00:00	33.54	0.88	245.7	28.76	77.2	37.8
MS-12	6	2025-08-08 08:00:00	37.6	1.88	211.9	28.69	80.5	31.7
MS-08	7	2025-08-09 06:00:00	55.2	0.95	253.9	28.59	59.8	62.6
MS-08	8	2025-08-11 08:00:00	25.57	1.28	76.7	28.62	78.1	48
MS-10	9	2025-08-13 02:00:00	49.88	0.68	178.6	28.79	61.1	85.5
MS-10	9	2025-08-13 04:00:00	49.26	0.67	65.2	28.8	58.2	90.1
MS-12	10	2025-08-13 10:00:00	27.31	4.14	175.1	28.69	83.1	48.9
MS-09	10	2025-08-13 12:00:00	97.08	5.35	241.7	28.54	89.4	40.6
MS-09	11	2025-08-15 08:00:00	27.09	1.92	167.7	28.59	64.2	81.5
MS-07	11	2025-08-15 10:00:00	25	6.26	205.3	28.65	74.5	62.6
MS-08	12	2025-08-18 20:00:00	62.63	1.73	251	28.61	73.2	54.8
MS-08	13	2025-08-24 00:00:00	47.32	1.66	253.8	28.56	71	59.1
MS-08	14	2025-08-26 08:00:00	26.34	2.15	93.7	28.62	75.2	53.4

Table A-3
2-Hour Average PM10 Community Monitoring Station Data

Monitoring Station	Event #	Time	PM10	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			µg/m ³	mph	°	in Hg	°F	%
MS-08	15	2025-08-27 22:00:00	60.78	0.67	247.6	28.71	66.5	33.4
MS-08	16	2025-08-29 00:00:00	34.85	0.89	255.6	28.68	60.3	40.7
MS-09	17	2025-09-09 06:00:00	25.1	1.72	23.8	28.57	55.4	70.4
MS-11	18	2025-09-15 08:00:00	25.75	1.76	45.8	28.34	74.5	50.4
MS-08	18	2025-09-15 10:00:00	44.2	2.3	63.4	28.55	87.2	30.1
MS-11	18	2025-09-15 12:00:00	83.28	3.36	344.1	28.32	93.6	28

Appendix B

Third Quarter 2025 Community Air Monitoring Station

Monitoring Data (1-Hour Averages)

Since the continuous monitoring data presented in this report includes only exceedance events, the complete 1-hour data set is included as a separate, linked attachment. The one-hour continuous monitoring data for the off-site air monitoring stations (MS-06 through MS-12) referenced in this quarterly report can be accessed on the Chiquita Canyon Landfill in the Air Monitoring Reports section:

<https://chiquitacanyon.com/reports/community-air-monitoring-program/>

Appendix C

Third Quarter 2025 Community Air Monitoring Station

Reporting Thresholds

Table C-1
Discrete Sampling Reporting Thresholds

Table C-1
Discrete Sampling Reporting Thresholds

Compound ¹	CAS No.	REL in µg/m ³ ²
Benzene	71-43-2	27
Benzyl chloride	100-44-7	240
Chlorobenzene	108-90-7	1000
1,2-Dibromoethane	106-93-4	0.8
Dichlorobenzenes ³	106-46-7	800
1,1-Dichloroethane	75-34-3	N/A
1,2-Dichloroethane	106-06-2	400
1,1-Dichloroethene	75-35-4	70
Dichloromethane	75-09-2	14,000
Hydrogen Sulfide	7783-06-4	42 ⁴
Tetrachloroethene	128-18-4	20,000
Tetrachloromethane	56-23-5	1,900
Toluene	108-88-3	5,000
1,1,1-Trichloroethane	71-55-6	68,000
Trichloroethene	79-01-6	600
Vinyl chloride	75-01-4	180,000
Xylenes	1330-20-7	22,000

Notes

¹ List of compounds from SCAQMD Rule 1150.1, Table 1 Toxic Air Contaminant List

² RELs based on OEHHA REL for Acute Hazard Index Target Organ Systems (Table 6.1 from the February 2015 Air Toxics Hot Spots Program Guidance Manual).

³ Includes meta, para, and ortho isomers. Para CAS used for REL.

⁴ Based on CAAQS

Acronyms

CAAQS - California Ambient Air Quality Standards

CAS - Chemical Abstracts Service Chemical Registry Number

OEHHA - California Office of Health Hazard Assessment

REL - Reference Exposure Levels

SCAQMD - South Coast Air Quality Management District

µg/m³ - micrograms per cubic meter

Appendix D

Third Quarter 2025 Discrete Sampling Lab Reports

**LABORATORY ANALYSIS REPORT**

SCAQMD Rule 1150.1 Components Analysis in Ambient Air Tedlar Bag Samples

Report Date: October 4, 2025
Client: SCS Field Services
Project Location: Chiquita Canyon Off-site
Project No.: 01204123.19 T10
Date Received: September 23, 2025
Date Analyzed: September 23-24, 2025

AtmAA Lab No.:	22665-16	22665-17	22665-18
Sample I.D.:	MS-08	MS-11	MS-12
Components	(Concentration in ppmv)		
Methane	1.98	1.77	1.98
	(Concentration in ppbv)		
Hydrogen sulfide	<25	<25	<25
Benzene	2.56	2.31	2.41
Benzyl chloride	<0.15	<0.15	<0.15
Chlorobenzene	<0.15	<0.15	<0.15
Dichlorobenzenes*	<0.30	<0.30	<0.30
1,1-dichloroethane	<0.15	<0.15	<0.15
1,2-dichloroethane	<0.15	<0.15	<0.15
1,1-dichloroethylene	<0.15	<0.15	<0.15
Dichloromethane	<0.30	<0.30	<0.30
1,2-dibromoethane	<0.10	<0.10	<0.10
Perchloroethylene	<0.10	<0.10	<0.10
Carbon tetrachloride	<0.15	<0.15	<0.15
Toluene	8.47	9.23	10.10
1,1,1-trichloroethane	<0.10	<0.10	<0.10
Trichloroethene	<0.10	<0.10	<0.10
Chloroform	<0.10	<0.10	<0.10
Vinyl chloride	<0.10	<0.10	<0.10
m+p-xylenes	0.18	0.19	0.20
o-xylene	<0.12	0.14	0.17

Methane was measured by flame ionization detection/total combustion analysis (FID/TCA) Method 25.

Toxic air contaminants (TAC) compounds were analyzed by GC/MS, EPA TO-15.

Hydrogen sulfide was analyzed by SCD/GC, SCAQMD 307.91.

* total amount containing meta, para, and ortho isomers

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

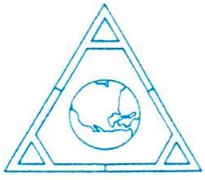
Project Location: Chiquita Canyon Off-site
Date Received: September 23, 2025
Date Analyzed: September 23-24, 2025

Components	Sample ID	Repeat Analysis		Mean Conc.	% RPD
		Run #1	Run #2		
Methane	MS-08	(Concentration in ppmv)			
		1.98	1.98	1.98	0.00
		(Concentration in ppbv)			
Hydrogen sulfide	MS-08	<25	<25	---	---
Benzene	No Repeat				
Benzyl chloride	No Repeat				
Chlorobenzene	No Repeat				
Dichlorobenzenes	No Repeat				
1,1-dichloroethane	No Repeat				
1,2-dichloroethane	No Repeat				
1,1-dichloroethylene	No Repeat				
Dichloromethane	No Repeat				
1,2-dibromoethane	No Repeat				
Perchloroethylene	No Repeat				
Carbon tetrachloride	No Repeat				
Toluene	No Repeat				
1,1,1-trichloroethane	No Repeat				
Trichloroethene	No Repeat				
Chloroform	No Repeat				
Vinyl chloride	No Repeat				
m+p-xylenes	No Repeat				
o-xylene	No Repeat				

Three Tedlar bag samples, laboratory numbers 22665-(16-18), were analyzed for SCAQMD Rule 1150.1 components. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The % RPD for 1 repeat measurement from three Tedlar bag samples is 0.00%.



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LABORATORY ANALYSIS REPORT

SCAQMD Rule 1150.1 Components Analysis in Ambient Air Tedlar Bag Samples

Report Date: September 5, 2025
Client: SCS Field Services
Project Location: Chiquita Canyon Off-site
Project No.: 01204123.19 T10
Date Received: August 28, 2025
Date Analyzed: August 28-29, 2025

AtmAA Lab No.:	22405-50	22405-51	22405-52
Sample I.D.:	MS-06	MS-09	MS-10
Components	(Concentration in ppmv)		
Methane	1.93	1.74	1.86
	(Concentration in ppbv)		
Hydrogen sulfide	<25	<25	<25
Benzene	0.10	<0.10	<0.10
Benzyl chloride	<0.15	<0.15	<0.15
Chlorobenzene	<0.15	<0.15	<0.15
Dichlorobenzenes*	<0.30	<0.30	<0.30
1,1-dichloroethane	<0.15	<0.15	<0.15
1,2-dichloroethane	<0.15	<0.15	<0.15
1,1-dichloroethylene	<0.15	<0.15	<0.15
Dichloromethane	<0.30	<0.30	<0.30
1,2-dibromoethane	<0.10	<0.10	<0.10
Perchloroethylene	<0.10	<0.10	<0.10
Carbon tetrachloride	<0.15	<0.15	<0.15
Toluene	0.96	0.71	0.78
1,1,1-trichloroethane	<0.10	<0.10	<0.10
Trichloroethene	<0.10	<0.10	<0.10
Chloroform	<0.10	<0.10	<0.10
Vinyl chloride	<0.10	<0.10	<0.10
m+p-xylenes	<0.12	<0.12	<0.12
o-xylene	<0.12	<0.12	<0.12

Methane was measured by flame ionization detection/total combustion analysis (FID/TCA) Method 25.

Toxic air contaminants (TAC) compounds were analyzed by GC/MS, EPA TO-15.

Hydrogen sulfide was analyzed by SCD/GC, SCAQMD 307.91.

* total amount containing meta, para, and ortho isomers

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon Off-site
Date Received: August 28, 2025
Date Analyzed: August 28-29, 2025

Components	Sample ID	Repeat Analysis		Mean Conc.	% RPD
		Run #1	Run #2		
Methane	MS-06	(Concentration in ppmv)			
		1.92	1.94	1.93	1.0
		(Concentration in ppbv)			
Hydrogen sulfide	MS-06	<25	<25	---	---
Benzene	No Repeat				
Benzyl chloride	No Repeat				
Chlorobenzene	No Repeat				
Dichlorobenzenes	No Repeat				
1,1-dichloroethane	No Repeat				
1,2-dichloroethane	No Repeat				
1,1-dichloroethylene	No Repeat				
Dichloromethane	No Repeat				
1,2-dibromoethane	No Repeat				
Perchloroethylene	No Repeat				
Carbon tetrachloride	No Repeat				
Toluene	No Repeat				
1,1,1-trichloroethane	No Repeat				
Trichloroethene	No Repeat				
Chloroform	No Repeat				
Vinyl chloride	No Repeat				
m+p-xylenes	No Repeat				
o-xylene	No Repeat				

Three Tedlar bag samples, laboratory numbers 22405-(50-52), were analyzed for SCAQMD Rule 1150.1 components. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The % RPD for 1 repeat measurement from three Tedlar bag samples is 1.0%.



Client/Project Name Chiquita Canyon		Project Location Chiquita Canyon (Off-Site)		ANALYSES REQUESTED									
Project No. 01204123.19 T10		Field Logbook No.											
Sampler: (Signature)		Chain of Custody Tape No.											
Sample No./ Identification	Type of Sample	AtmAA Lab Number	Sampling Date	Sampling Time	TRS (307.91)	VOCs (TO-15)					Special Remarks		
MS-06	1L Tedlar/Air	22405-50	8/28/25	09:58	X	X							
MS-09	1L Tedlar/Air	-51	8/28/25	10:20	X	X							
MS-10	1L Tedlar/Air	-52	8/28/25	10:13	X	X							
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date		Time					
		8/28/25	11:36	Ruben G		8/28/25		11:36					
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date		Time					
Ruben G		8/29/25	12:26										
Relinquished by: (Signature)		Date	Time	Received for Laboratory by: (Signature)		Date		Time					
				[Signature]		8/28/25		12:26					
Company Info:		Send Report to:		Analytical Laboratory									
Company: SCS Engineers		Company: SCS Engineers		AtmAA Inc.									
Street Address 3900 Kilroy Airport Way Suite 300		Street Address 3900 Kilroy Airport Way Suite 300		5107 Douglas Fir Rd.									
City/State/Zip: Long Beach / CA / 90806		City/State/Zip: Long Beach / CA / 90806		Calabasas, CA 91302									
Telephone No.: 562-637-4561 / 562-335-0002		Project Manager: Ray Huff		TEL: (818) 223-3277									
Fax No.:		Email Address: RHuff@scsengineers.com		Email Address: info@atmaa.com									

**LABORATORY ANALYSIS REPORT**

SCAQMD Rule 1150.1 Components Analysis in Ambient Air Tedlar Bag Samples

Report Date: August 13, 2025
Client: SCS Field Services
Project Location: Chiquita Canyon Off-site
Project No.: 01204123.19 T10
Date Received: July 29, 2025
Date Analyzed: July 29, 2025

AtmAA Lab No.:	22105-22	22105-23	22105-24
Sample I.D.:	MS-07	MS-08	MS-12
Components	(Concentration in ppmv)		
Methane	1.77	1.88	1.77
	(Concentration in ppbv)		
Hydrogen sulfide	<25	<25	<25
Benzene	<0.10	<0.10	<0.10
Benzyl chloride	<0.15	<0.15	<0.15
Chlorobenzene	<0.15	<0.15	<0.15
Dichlorobenzenes*	<0.30	<0.30	<0.30
1,1-dichloroethane	<0.15	<0.15	<0.15
1,2-dichloroethane	<0.15	<0.15	<0.15
1,1-dichloroethylene	<0.15	<0.15	<0.15
Dichloromethane	<0.30	<0.30	<0.30
1,2-dibromoethane	<0.10	<0.10	<0.10
Perchloroethylene	<0.10	<0.10	<0.10
Carbon tetrachloride	<0.15	<0.15	<0.15
Toluene	<0.15	<0.15	<0.15
1,1,1-trichloroethane	<0.10	<0.10	<0.10
Trichloroethene	<0.10	<0.10	<0.10
Chloroform	<0.10	<0.10	<0.10
Vinyl chloride	<0.10	<0.10	<0.10
m+p-xylenes	0.82	0.54	0.16
o-xylene	0.43	0.29	<0.12

Methane was measured by flame ionization detection/total combustion analysis (FID/TCA) Method 25.

Toxic air contaminants (TAC) compounds were analyzed by GC/MS, EPA TO-15.

Hydrogen sulfide was analyzed by SCD/GC, SCAQMD 307.91.

* total amount containing meta, para, and ortho isomers

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon Off-site
Date Received: July 29, 2025
Date Analyzed: July 29, 2025

Components	Sample ID	Repeat Analysis		Mean Conc.	% RPD
		Run #1	Run #2		
Methane	MS-07	(Concentration in ppmv)			
		1.75	1.79	1.77	2.3
		(Concentration in ppbv)			
Hydrogen sulfide	MS-07	<25	<25	---	---
Benzene	MS-07	<0.10	<0.10	---	---
Benzyl chloride	MS-07	<0.15	<0.15	---	---
Chlorobenzene	MS-07	<0.15	<0.15	---	---
Dichlorobenzenes	MS-07	<0.30	<0.30	---	---
1,1-dichloroethane	MS-07	<0.15	<0.15	---	---
1,2-dichloroethane	MS-07	<0.15	<0.15	---	---
1,1-dichloroethylene	MS-07	<0.15	<0.15	---	---
Dichloromethane	MS-07	<0.30	<0.30	---	---
1,2-dibromoethane	MS-07	<0.10	<0.10	---	---
Perchloroethylene	MS-07	<0.10	<0.10	---	---
Carbon tetrachloride	MS-07	<0.15	<0.15	---	---
Toluene	MS-07	<0.15	<0.15	---	---
1,1,1-trichloroethane	MS-07	<0.10	<0.10	---	---
Trichloroethene	MS-07	<0.10	<0.10	---	---
Chloroform	MS-07	<0.10	<0.10	---	---
Vinyl chloride	MS-07	<0.10	<0.10	---	---
m+p-xylenes	MS-07	0.15	0.17	0.16	13
o-xylene	MS-07	<0.12	<0.12	---	---

Three Tedlar bag samples, laboratory numbers 22105-(22-24), were analyzed for SCAQMD Rule 1150.1 components. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 2 repeat measurement from three Tedlar bag samples is 7.4%.



[illegible]